

CHEMIST & DRUGGIST

The newswweekly for pharmacy

October 3, 1987

a Benn publication

More POMs from
pharmacies, says
'medical prof'

DHSS gives FPCs
'discretion' over
six month
contract cut-off

£2,000 award to
assistant for
unfair dismissal

Lincs Conference:
good practice
allowance check
list from Smith

NPA says 'buy
sound generics'

Obituaries to
Peter Boardman



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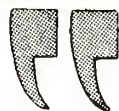
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COMMENT



"Political change only comes about when changing values coincide with economic necessity," Noel Baumber told Lincolnshire LPC Conference last weekend, when trying to explain the introduction of NHS contract limitation by the free-enterprise Tory Party, and the positive climate for pharmacy surrounding the Nuffield report. He is quite right, of course. With each new pharmacy opening up costing the Government £30,000 before it starts dispensing — the new contract leapfrogging surge has reached around 700 — the economic necessity is plain for all to see. How surprising, then, to discover at that same conference, that the Government has just had a change of heart, allowing FPCs discretion to extend the September 30 deadline for pharmacies which had registered an intent to open up under the old contract rules (p660).

In February, FPC administrators were advised by the Department of Health that the cut off point of six months on from the March 31 was watertight. "There is no discretionary



element", said the DHSS, "where the FPC determines in accordance with regulation 27(3), that a chemist on the list has not provided pharmaceutical services for six months". Surely, it cannot be to the advantage of the public, whether as taxpayers, or patients needing a more rational distribution of pharmacies, to find the Department relaxing its earlier stricture.

Now the DHSS says the FPC has discretion to take into account delays caused by "building work (unexpected), the illness of the chemist, or temporary delay in obtaining registration of the premises from the Pharmaceutical Society." Such a chemist may be allowed a "reasonable opportunity" to open.

Noel Baumber spoke eloquently of the "added horror" caused by the Government relaxation, to the "distress already being endured by contractors threatened by leapfrogging." In his view it goes against the intentions of the original agreement. We agree. And so does PSNC, which says it had no prior knowledge of the DHSS' latest letter and has written to complain both to the Department and Ministers. It is to be hoped that all FPC administrators follow the lead of Lincoln FPC which says any discretion it gives will be scaled in days and not months, and that of West Glamorgan FPC (last week, p588), who refused to allow pharmacies in Morriston and Pontardulais to open up for a nominal period, then close pending completion of buildings, etc, in order to beat the September 30 deadline.

It is time the legal minds at the DHSS stopped vacillating and interpreted their own regulations consistently. There is little wonder that the words "judicial review" spring so readily to the lips of the disaffected these days.



Doctor says pharmacy should sell more POMs

Pharmacists should be able to sell more Prescription Only Medicines, a medically qualified professor recommended last week.

Professor Peter Parish, Professor Emeritus, University of Wales, said doctors should lose their prescribing monopoly because it had failed to ensure that POMs were always used effectively and correctly, speaking to a meeting of the Medical Journalists Association. Every day, doctors showed a lack of responsibility by inappropriate, ineffective, unsafe and uneconomic use of drugs, he said.

The Medicines Act aimed to ensure the correct use of drugs by restricting most of them to doctors, but the overprescribing of benzodiazepines, the ease with which patients could obtain repeats, the amounts issued on prescriptions and the wastage highlighted by DUMP campaigns showed that Regulations alone did not control the easy availability of medicines.

"A large proportion of harmful effects produced by drugs could have been prevented if doctors had been better informed and had prescribed with more caution, particularly to vulnerable groups such as babies, the elderly, pregnant women, and patients with impaired liver or kidney function," he explained.

A founder and first director of the Medicines Research Unit, UWIST, Cardiff, Professor Parish was impressed with many pharmacists' knowledge of drugs, which was greater than that of any other professionals. He believed pharmacists should be able to sell most POMs without a prescription. Exceptions would be anti-cancer drugs and new medicines which should be POMs for five years until more was learnt about them. He was confident that Pharmaceutical Society controls, and the skill and discretion pharmacists applied to their sales, would ensure that these medicines would be used safely. If pharmacists were in any doubt they could still refer patients to a doctor.

Professor Parish believed there should be restrictions on advertising to the public deregulated medicines. Pharmacists would need to keep records of all medicines sold and prescribed and there may have to be patient registration with pharmacies. He did not intend that pharmacists should take over the GP's diagnostic role, but that the two professions should work more closely.

Turning to the General Sale List, he said many preparations were obsolete and ineffective and should be subject to

licensing based on quality, safety and efficacy. It was time the Medicines Commission got on with this task with greater urgency, he said. Similar licensing should apply to herbal and homoeopathic remedies and to drugs "masquerading" as foods or cosmetics.

Professor Parish thought there could be a future for self-medication only if the laws were changed. "But we must be aware of the pressure from some quarters to encourage self-medication, to reduce the cost of services and/or to supplement already inadequate services. We must also be aware that the inappropriate use of drugs by doctors is not a reason for encouraging more self-medication using Pharmacy medicines."

■ "The safe handling and administration of intravenous cytotoxic chemotherapy" booklet can be obtained from Ledere, Fareham Road, Gosport, Hants PO13 0AS.

Heroin seizures fall by 14pc

The amount of heroin seized last year was down 40 per cent on 1985 to 220kg, according to the latest figures from the Home Office.

Overall, heroin seizures were down 14 per cent in number at 2,750, the number of offenders dealt with for offences involving heroin down 31 per cent and new addicts

Help for delayed openings

The DHSS has allowed family practitioner committees discretion over whether pharmacies who applied for a contract before April 1, but have failed to open within the required six months, should be allowed to remain on the pharmaceutical list.

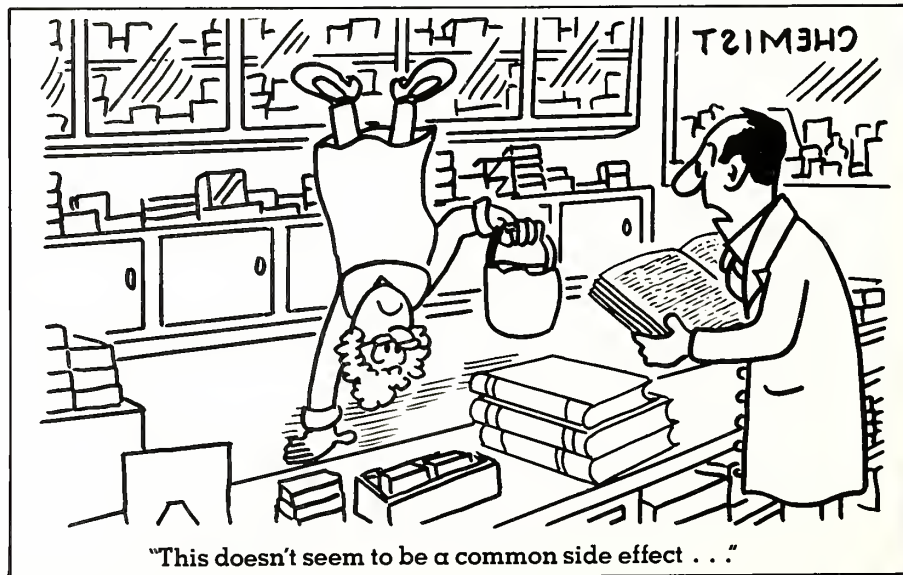
A February instruction to FPC administrators advised that "where the FPC determines that a chemist on the list has not provided pharmaceutical services for six months, regulation 27(2) requires them to remove the chemist. There is no discretionary element."

But in a letter dated September 18, the Department advises that if "unforeseen circumstances" have prevented the applicant from starting to provide a service (eg unexpected delays in building work, illness or temporary delay in registering the premises with the Society) it would be within the FPC's discretion to defer deletion from the list.

notified down by 18 per cent.

Seizures of cocaine fell for the second year running, but there was an increase in the quantity seized, up 19 per cent to 100kg.

The Home Office says that the falls do not necessarily imply falls in the level of misuse. However Home Office Under Secretary Douglas Hogg said it was fair to suggest that the fall in seizures, offenders and addicts may stem partly from a fall in the supply of drugs which may be a product of recent enforcement measures.



"This doesn't seem to be a common side effect..."

£2,339 award to assistant for unfair dismissal

A pharmacist who forced a shop assistant to resign after accusing her of tampering with cough medicines has had to pay £2,339 compensation after an industrial tribunal ruling.

Therese Kelly, an assistant at John Paterson's pharmacy in Kilmacoll, told a Glasgow tribunal that Mr Paterson informed her that the police had already been involved and were ready to charge her, after he abused her verbally, calling her a cheat and a thief.

She claimed he told her that her father would be upset by the news, and gossip would spread around the village, but if she signed a letter of resignation which he produced, the matter would go no further.

The tribunal heard earlier that Mr Paterson, who has since retired, told her he could not offer her a wage rise in the foreseeable future, mentioned the possibility of having to give up the business, and offered to try and find her another job, after a chemist opened nearby.

Miss Kelly said Mr Paterson was not too pleased, and his attitude towards her

changed when she told him she was prepared to stay on and forego wage rises meantime. On March 6, she said she signed the letter of resignation under duress. She had asked to take the letter home and think about it, but he kept the pressure on her and she signed.

Miss Kelly told the tribunal this was the first time she had been accused of tampering with medicines and she was given no opportunity to deny anything.

Mr Paterson, of Knockbuckle Road, Kilmacoll, told the tribunal he had noticed a bottle of Phensedyl was missing one Friday, and on the following Monday it was returned to stock with the seal broken. On another occasion, he claimed, a regular user of Phensedyl had returned a bottle, claiming the contents were not Phensedyl but something else.

Mr Paterson said he suspected Miss Kelly was taking the bottles and replacing the contents with some other substance and that he would be failing in his professional duty if he did not dismiss the person he thought was involved. He denied he had threatened her with the police, but he had taken advice from a retired police officer.

In their findings, the tribunal said that after five years satisfactory service, they considered a reasonable employer would have given Miss Kelly an opportunity to reply to his accusations. They ruled that the dismissal was unfair and awarded her £2,339 compensation.

The new formulation Stemetil is a smaller, off-white creamy tablet. "In addition to non-compliance with our UK product licence the re-introduction of the old formula Stemetil tablets could lead to confusion among patients."

M&B say Stemetil PIs unlicensed

Parallel imported Stemetil tablets which do not comply with the current UK product licence are being offered for sale in the UK, manufacturers May & Barker warn this week.

The UK formulation was revised in June 1986 and details of the reformulation carried in *C&D* in February. In August the Department of Health wrote to all parallel importers holding a licence to import the product from Denmark warning them that the product was now considered "therapeutically inequivalent", and advising that imports should cease.

However, May & Baker's medical services manager, Mr J. Greig, says the old formulation is still manufactured in the UK for export to non-EEC countries. It was UK manufactured Stemetil that has come to the company's attention recently. From the batch number Mr Greig says it was from an order that was supposed to be exported to the Far East.

NHS spending to soar: Labour

Labour leaders expect an early Government announcement that there will be a significant increase in spending on NHS in the coming financial year.

This emerged during the Labour Party Conference at Brighton when delegates renewed their attack on what they regard as the Government's failure to provide the finance needed to prevent deteriorating standards in vital areas of health care.

While welcoming any increase in the NHS budget, Mr Robin Cook, Labour's Shadow Social Services Secretary, will argue that it is too little, and, for many who have suffered from the under funding of earlier years, too late.

Labour's long standing commitment to funding the NHS — mainly financed out of taxation and with decreasing reliance on prescriptions and other charges — looks like emerging unscathed from the policy review which Mr Neil Kinnock has insisted must take place in the wake of the Party's third successive General Election defeat.

When Parliament reassembles later this month Labour MPs will press the Government to include free pregnancy testing in any expense on family practitioner services.

This issue was restated in a resolution by Ealing Acton Conservative Borough Party, which condemned the increasing practice of many health authorities, who no longer provided free pregnancy testing in response to needs, and where women were being advised to purchase test kits from chemists.

Government plans welfare cutbacks

A public debate on the welfare state which is expected to end with cuts in social service handouts started at the weekend.

Social Services Secretary John Moore, speaking at the Conservative Political Centre conference on Saturday, said the myth that the post war welfare state was perfect and untouchable has been a powerful force and for a long time has inhibited even the most necessary change.

He referred to the new Social Security Act engineered by his predecessor Norman Fowler, which is due to come into

effect next April. The actual level of benefits will be announced at the end of this month, and will give an indication of how tough the Government intends to be in reshaping the social security system.

Big cuts are predicted in most quarters, with child benefit being frequently mentioned. The Social Security budget is now running at £44 billion and is a prime target for the Prime Minister, who has let it be known she wants at least £3,000m lopped of existing departmental bids in the coming round of public expenditure Treasury negotiations.

Mr Moore said on Saturday that there was "no way" Britain's proud approach to social caring would end, but emphasised that the climate of opinion needs to be changed. He spoke of the "sullen apathy of dependence," and contrasted it with the delight of personal achievement.



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NPA advises on generic purchasing

The National Pharmaceutical Association is advising members to buy generic medicines from "reputable sources", preferably from manufacturers prepared to code their products for ease of identification.

In addition the NPA is preparing a list of generic manufacturers who will be asked to state the extent of their cover by product liability insurance.

At its September meeting the NPA Board expressed concern about the increased risk to members under strict liability legislation when the new Consumer Protection Act is implemented. The advice is aimed at reducing any extra third party liability on pharmacists to a minimum.

Most of the additional liability will fall on manufacturers who, on the whole, will be easily identified, the Board says. However, pharmacists face increased risks when they dispense generics and extemporaneous preparations. The situation will be kept under constant review as it is feared the public is becoming more litigious.

Direct delivery The NPA is to complain to the appropriate Family Practitioner Committee about the activities of Mariner Medical Ltd. The company, which supplies syringes to diabetics, has mailed out a circular asking diabetics to send prescriptions direct to them. This was felt to be a breach of the Terms of Service.

The Board is increasingly concerned about direct carrier and postal delivery of prescription products, particularly ostomy apparatus, dietary supplements, and syringes. By-passing the pharmacist was felt to be depriving patients of a vital service. The manufacturers concerned will be urged to supply their products through the normal wholesaler/pharmacy route. If a delivery service is required they will be told that pharmacists will provide it.

Minimum dispensary size A proviso that "exceptions to the rule must be acceptable" is to be included in the Board's recommendations to the Pharmaceutical Society's working party. This is to ensure that no NPA member is penalised in circumstances where a minimum size could not be applied.

Training services The Board is

considering providing all training services free of charge to members. Since the Pharmaceutical Services Negotiating Committee included "trained staff" as one of the criteria for a good practice allowance, training is an "essential" NPA service. The Board wants all members to have the opportunity of claiming any forthcoming allowance. Cost implications will be further considered by the Finances Committee.

Public relations PR developments include a regular monthly mailing of a Press release and the Ask your Pharmacist "Questions and answers" to 340 newspapers, 75 radio stations and 174 Society and NPA spokesmen. A further 1,600 local newspapers and the major national dailies are also receiving the Press releases on topical health matters. An additional 1,300 local papers have recently been mailed. The result has been extensive newspaper coverage of the profession.

The office has also received 28 requests for interviews from local BBC and independent radio stations, another 11 had been dealt with by local NPA spokesman, and several stations are considering a regular pharmacy-phone-in.

Dispensing technicians correspondence course A record 225 students had enrolled for the course this year, and an additional tutor has been recruited to cope.

Staff Training Manual The Distributive Industry Training Trust has awarded a grant of £15,000 towards the manual.

Counter staff courses Following the success of courses in the West Midlands for counter assistants, NPA training officer Ailsa Benson is planning several more in association with Ms Alison Morley of Aston University. Mrs Benson commented that on the willingness of the staff to learn. She suggested that the stumbling block was the way pharmacists viewed their responsibility to training.

Warning cards Members will shortly receive shelf-warning stickers for ibuprofen preparations. These remind staff to ask customers what other medicines they are taking, and to refer asthmatics and people allergic to aspirin to the pharmacist.

The British Oxygen Company is being asked to sponsor a domestic warning card with simplified wording.

Family Doctor merchandiser A new plastic counter display unit is available free of charge to members ordering 100 or more Family Doctors booklets. The merchandiser alone costs £12 (incl. p&p).

New Pharmacy Programmes An Australian self-care scheme, and a similar programme from California were examined to see if they could be adapted for UK community pharmacies.

Branch secretaries Mr D.P. Howells, of Thorpe Bay, Essex, is appointed secretary to the Southend-on-Sea Branch and Mr W. Tatterall, of Kirby-in-Furness, Cumbria, to the Barrow-in-Furness Branch.



12 representatives from community pharmacy organisations in Australia, Canada, New Zealand, South Africa, Ireland and the USA attended a two-day conference hosted by the National Pharmaceutical Association in Chester recently. Discussions identified universal enemies as dispensing doctors, public ignorance of the pharmacists' expertise and widespread apathy among pharmacists themselves. All representatives agreed that pharmacy's future lay in "service not supply"

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24 THROAT LOZENGES

ANAESTHETIC ANTIBACTERIAL

Merocaine

Merrell Dow

Rapid Pain Relief for Severe Sore Throats

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Medicines

Confidence in pharmacy

Low awareness of strict liability

Over four in ten pharmacists were unaware of the implications of strict product liability according to a recent national survey carried out by Evans Medical.

Evans marketing manager, Steven Mountain, commented that the survey has shown the need for more information to be supplied on strict liability. The law on liability becomes effective on March 1, 1988 and will have far reaching effects on the purchasing and dispensing of pharmaceutical products.

When asked the reasons why they bought generics from their current supplier, 46 per cent of the sample said they bought on price, 29 per cent on quality and 10 per cent on service. "This is a bit at odds with face to face interviews we have conducted," said Mr Mountain, "where the majority say they buy on quality first."

Low dispensary stock levels were very important to 42 per cent of the sample, and reasonably important to 50 per cent.

Over 800 replies were received from 10,000 questionnaires mailed out with a promotional leaflet.

Mars 'pill' goes down a treat

A pharmacist was recently called in to help his local environmental health officer identify a new Mars sweet a consumer thought was a tablet.

The new confectionary from Mars, called M&M's, is a red "smartie" looking sweet with a white "M" printed on the side. It was this lettering that caused the doubt when the M&M's got mixed up in packaging with peanut Treets. Jeff Holloway, a pharmacist from Romsey, Hampshire and environmental health officer Mike Gratton both thought it looked like a tablet, and while Mr Gratton is unable to take the complaint further, he has reported the incident to the Royal Society for the Prevention of Accidents.

Mars, who have now rectified the packaging problem, point out that M&M's are not the only sweets printed with lettering, and that they are clearly positioned as confectionary. "The best way to prevent accidents is to keep pills out of reach," commented the company's health affairs manager Alison Hill.

Wholesaling — no more returns!

We have all received letters by now from our wholesalers telling us of the changes to be enforced concerning returns, but before I go into that specific area it is worth taking a side path concerning our claims subsequent to deliveries for shortages or damages we find when accurate checks are made on unpacking.

Not all that long ago I bought a couple of dozen of malt, which came packed in sealed cases of twelve, very well protected by dividers, etc. When we signed the receipt, it never crossed our minds to open the glued down tops. Only weeks later when we broached the second carton did we find one jar had a hairline crack from which had seeped a thin layer of sticky gum, which firmly attached all contents to the carton base.

Alright, we soaked the carton in the sink, gradually freed the eleven goodies, and dumped the other. But what if four or five had been damaged?

Since we have a concrete shop floor I think the breakage was caused when the delivery man dumped them in the shop. If we had opened them there and then we would not have found the fault. Our claims on suppliers hinge on our credibility — 'which in turn is based on our record with the company. I have the conceit that, if I rang the boss and told him what had happened, he would believe me, but then I have known him 20 years, untainted by distrust either way.

But now the position has changed (with NAPD's new returns policy reported in *C&D* last week). While I hope my word, backed by reasonable evidence, will be accepted in claims on faulty deliveries, so far as returns to wholesalers of stock for which demand has ceased in our pharmacies is concerned, the song is ended. I cannot say how bitterly I resent the abuse of the unwritten rules of decency which govern so much of British behaviour, and which in this case has profoundly affected pharmaceutical relations.

Generically speaking

Since I'm in choleric mood I may as well vent my bad humour properly and go into a few well chosen moans. How about quality control of some generics? How many of you have bought temazepam capsules which exude a thin greasy film

over everything? How many have patients bringing back tablets laughingly called dispersible aspirin, saying they won't dissolve, or that when they do "disperse", catch in the throat? Or how about the calcium and vitamin D tablets which appear to be made of compressed marble — unchewable, undissolvable, unacceptable. There are others, but I'll leave them to you.

Northern grit wins through

Stanley Horner wrote to me once or twice (*C&D* obituary, last week). I knew him a little, though he did not really know me. His letters exuded that robust, yet succinct spirit which lit up the great entrepreneurs of the North. And a gritty determination to succeed, which probably dominated life.

I enjoyed his development of the Pickles range, although the apparently simple way it was achieved, belied the drive that made it work. There are parallels with some of the others, Mr "Earex", for example. But whether or not others see the likenesses as well as the differences, I grieve for the passing and offer my most sincere sympathy to his family.

Diplomacy again

I'm not the only one to have picked up the real diplomacy shown in the recent interview with *C&D* by Sir Alan Marre. John Davies, secretary of the Rural Pharmacists Association, made a meal of what he wanted to say last week, which is a pity, since the content needed airing.

However, reality hinges on the fact that an agreement had to be reached for near anarchy to be avoided. I agree, any fool could have come up with a more logical way of looking at the supplies of drugs in rural areas — by which I would mean places miles out in the sticks. But we are faced with an historical situation.

I agree rural patients are entitled to the benefits of a full pharmaceutical service, in its widest sense. But the arguments are taking place in the FPCs of the land, with success going to those who have properly organised their campaigns. The result goes to the truly political, since it is local opinion, properly expressed to and by the lay members of dispensing subcommittees, which will ultimately accept, or reject, our claims to superiority. When our work is understood we win through.

Let's get cracking in the community. It's up to you and me.

Twenty ways to a good practice allowance

The contractors' greatest need is a good practice allowance to replace the basic practice one lost in the new contract, according to Pharmaceutical Services Negotiating Committee chief executive Alan Smith, who lists 20 items of practice which could lead to payments ranging from £1,000 to £10,000. However, he says new monies are needed now to fund new roles, and calls on pharmacies to reflect their commitment to healthcare. And he points out that the greatest danger to contractors is private dispensing and medicine sales by GPs.

"The number one objective of the PSNC should be to replace the old Basic Practice Allowance by a good practice allowance, which would both reward contractors for their presence and availability during contract hours and also provide incentive to enhance the standard of premises and services available to the general public," Mr Smith told Lincs Local Pharmaceutical Committee Conference delegates on Sunday, giving a personal view.

He said BPA was introduced because every pharmacist incurs standing expenses which do not vary proportionately with the volume of prescriptions dispensed, and to reward pharmacists for being available for the advisory role throughout his contractual hours. "This rationale still holds good and it is imperative that with the abolition of BPA — the one regrettable aspect of the new contract — a good practice allowance should be introduced."

Mr Smith then listed some of the factors which could be taken into account in assessing what level of practice allowance would be payable to any contractor. These were not part of PSNC policy but it was probable any good practice allowance would be graduated from, say, £1,000 per annum to reward the availability of the pharmacist during contractual hours rising to, say £10,000, dependent on the number of additional services which were available. Mr Smith said such graduated payments would reflect the degree of individual variation in service levels of community pharmacists who might offer, for example:-

1. Counselling quiet areas.
2. Appliance fitting room.
3. Collection and delivery service.
4. Oxygen therapy service.
5. Patient medication records.
6. Training of ancillaries.
7. Training of pre-registration students.
8. Tuition to vocational trainees.

9. Experience to undergraduates.
10. Urine analysis.
11. Pregnancy testing.
12. Blood pressure testing.
13. Weighing facilities.
14. Minimum standards of dispensary space.
15. Minimum standards of dispensary fittings and equipment.
16. Second pharmacist.
17. Rota services.
18. 24-hour service.
19. Supervisory service for medicines in nursing homes and for the housebound.
20. Service on Drug and Therapeutic Committees.

"These and many other factors could be used to ascertain the level of good practice allowance," said Mr Smith. "The actual provision of these services could be paid for on an item of service basis."

Mr Smith called on the Government to find new monies now for the new roles it had identified for pharmacists in its consultative paper on primary health care. And he said that Mrs Edwina Currie's contrary stance at Chemex last week, as reported in *C&D*, p588, was not on. He suggested Government should reinvest in new roles some of the £108m a year pharmacists and wholesalers were saving the taxpayer through efficiency and competitive purchasing of medicines. But Mr Smith warned contractors not to give away millions each year by supplying branded medicines against generic scripts.

The triple prescription form was another method whereby part of the cost of the one twelfth of all dispensed medicines that ended up in DUMP collections, could be saved and reinvested. Mr Smith said that while the Government agreed with the medical and pharmaceutical professions that triple prescriptions would produce savings, because it was frightened of "the cost of the carbon paper" involved, it had



Alan Smith tells Edwina Currie: 'Money now, new roles later' (see *C&D*, p588 last week) at Harlaxton Manor

backed off.

However, Mr Smith called on the majority of community pharmacists to change their attitude and method of practice. "Pharmacy is unique in that, unlike any other retail business, it has not changed its investment programme to reflect current conditions." Around 70 per cent of the average pharmacist's income was derived from the NHS but investment of time, space and capital did not reflect the importance of dispensing as a major revenue earner. "In all other retail businesses the space dedicated to any particular sector of business is proportionate to turnover."

Mr Smith said pharmacist dedicated to NHS the minority of their capital, both in fixtures and stock along with only 20 per cent of their space and a minority of staffing. This had been done in the first place to beat the averaging system of payments — to minimise investment in NHS and thus maximise profits. Mr Smith said this was counter productive in a cost-plus contract. Secondly, pharmacists had been reluctant to increase their investment in NHS dispensing because of the danger of leapfrogging. Said Mr Smith: "I would submit that now is the time for pharmacists to reassess their financial attitude towards their businesses and also the time for PSNC to reassess the payment system in order to accentuate the service element of our profession, rather than the supply element."

"The Nuffield Report stated quite categorically that the tying of remuneration to prescription volume acted counter to the development of a truly professional role."



The new chairman of Lincs LPC David Purdie (right) presents a cut glass decanter on behalf of contractors to retiring chairman Bernard Lewis to mark his 14 years in office. According to secretary Noel Baumber, Mr Purdie has been a 'powerful counterbalancing opinion' since he joined the committee in 1978, while Mr Lewis has been noted for his 'quietly spoken but sound opinions' coupled with 'effort and detailed thought' given to contractors' problems

GP private dispensing

"Privatisation is, in my opinion, the greatest danger which threatens community pharmacy," Mr Smith warned Conference. The doctor's Charter and the Medicines Act allowed GPs to dispense for their own patients regardless of whether the patient lived in a rural area or otherwise.

The saving grace for pharmacy had always been the NHS legislation which only permitted doctors to dispense in rural areas (or under the serious difficulty provisions) where the patient resided more than a mile from a pharmacy.

"Currently, 95 per cent of prescriptions are dispensed by a pharmacy and any radical move towards privatisation in the health service would encourage more doctors to dispense," Mr Smith said.

ADRs via 'memo'

Lincs LPC has introduced a "memo sheet" for its 76 member contractors to report in "observations, innovations and small ads" for inclusion in a newsletter; it also has a section for reporting adverse drug reactions.

The ADR section of the memorandum corresponds roughly to the Yellow Card system in the BNF (p29) and the Committee hopes to monitor the kind of response pharmacists would give if that scheme were extended to include them. The secretary says pharmacists see reactions to OTC medicines as well as to script drugs: "We have often maintained that pharmacists ought to be allowed to send in yellow cards because more often GPs don't bother to send them."

Nuffield needs grassroots support

Nuffield initiatives cannot succeed if there is not grassroots backing to implement them along with support in the boardrooms of the multiples, according to Lincs LPC secretary Noel Baumber, who says political will is not enough — money for all pharmacy sectors is needed too

Mr Baumber suggested the necessary money might come through good practice allowances" and be administered by Family Practitioner Committees. But he foresaw difficulties for the FPC in assessment, because presentation and service levels were complementary but not synonymous. "One is visible and can be bought to impress, the other is not so readily apparent and has a moral value that cannot be bought."

The pressures brought to bear on pharmacy, whether from the FPC, the Department, or the Society, must result from fair and objective assessment and be capable of being answered by independents and multiples to the same degree, said Mr Baumber.

The "front-shop-pharmacist public relations role" is crucial in creating the kind of family atmosphere in a pharmacy that attracts patients to their advisory role, Mr Baumber told delegates. "Its informality



Noel Baumber gives the secretary's annual report and includes quotations from F.Chichester, Bart; R. Gordon, and E.A. Hayek for good measure



Wakefield Prescription Pricing Authority divisional administrator Mrs A.A. Church tells contractors about 'her' and 'their' endorsement problems

leads confidence to the patient who needs assurance that each and every medicine is appropriate to the case and that the judgment of the pharmacist is not perfunctory, indifferent and superficial."

Mr Baumber said that given that there was a common will to promote that role, then there was a considerable need for capital to reorganise functions and to integrate new standards in fittings, computerisation, consultation and supervision facilities, as well as an additional need for resources to fund the right level of pharmacist involvement in training and re-training.

"It is one thing to have the capital to redesign the presentation of a pharmacy, but another to have the wisdom to inspire managers or provide sufficient supporting staff to allow diversion from the task of dispensing," he said. "The pharmacist is, after all, an expensive item and has an inseparable responsibility for the technical aspects of pharmacy."

Schering's Dianette tablets

Schering Health Care have introduced a product which has been shown to be as effective as Diane in treating severe female acne, but which has reduced oestrogen content and lower incidence of side effects. Information leaflets advising patients on how to switch from Diane to Dianett are available.

Manufacturers Schering Health Care Ltd, The Brow, Burgess Hill, West Sussex RH15 9NE

Description Beige, sugar-coated tablet bearing a black printed "c" in a regular hexagon on both sides, containing cyproterone acetate 2mg, ethinyloestradiol 0.035mg

Uses Women only — severe acne refractory to prolonged oral antibiotic therapy, and for mild to moderate idiopathic hirsutism. Although an oral contraceptive, it is not recommended solely for contraception but should be reserved for women requiring treatment for the androgen-dependent skin conditions described

Dosage One daily for 21 days, starting on the fifth day of the menstrual cycle (counting first day of menstruation as day 1). Subsequent courses should start after seven tablet-free days. When used as a contraceptive, other precautions (not hormonal) should be taken during the first 14 days. If bleeding fails to occur, the possibility of pregnancy must be excluded before continuing. Patients switching from Diane should start Dianette after a seven-day tablet-free interval; no extra contraceptive precautions are necessary

Contra-indications, warnings etc As for Diane

Supply restrictions Prescription Only.

Packs Carton of three memo-packs of 21 (£13.20 trade)

Product Licence 0053/0190

Issued October 1987

Deponit 10

Deponit 10 transdermal drug delivery system is launched on October 5. As with Deponit 5, the patch contains 1mg of glyceryl trinitrate per sq cm, but has a surface area of 32 sq cm and contains 32mg glyceryl trinitrate which is released at a fixed rate of 10mg per 24 hours. One patch should be applied to the lateral chest wall daily if response to Deponit 5 is inadequate (30 patches, £21.19 trade). Product licence number is 4438/0016. *Schwarz Pharmaceuticals Ltd, Schwarz House, East Street, Chesham, Bucks.*

Influvac 1987-88

Duphar say they have changed the strains of influenza for their 1987-88 version of Influvac, in line with World Health Organisation recommendations. The new strains are A/Singapore/6/86-like (H_1N_1) 10 micrograms, A/Leningrad/360/86 (H_3N_2) 10 micrograms, and B/Ann Arbor/1/86 10 micrograms per 0.5ml.

Duphar say the vaccine will be available from October (0.5ml disposable syringe £4.55, 10-dose vial £41.45 trade), replacing last year's trivalent vaccine and this year's Influvac Mono.

Surgam SA

Surgam SA, a sustained release formulation of Surgam 300mg, is being launched on October 5. The opaque maroon capsules with a transparent pink body are marked with the product name, and contain white pellets providing 300mg tiaprofenic acid. The adult dose is two capsules once daily on retiring. The capsules should not be chewed or crushed before swallowing. The product comes in calendar blister packs of 56 (£14.41 trade). Product licence number is 0109/0167. *Roussel Laboratories Ltd, Broadwater Park, North Orbital Road, Denham, Uxbridge, Middlesex UB9 5HP.*

Naprosyn

Syntex are launching Naprosyn Granules, a dry powder formulation containing 500mg Naproxen to be dispersed in water forming a flavoured suspension. One pack contains 60 sachets (£19.47) equivalent to 30 days treatment of 1g of naproxen per day, says the company. The product licence number is 0286/0098. *Syntex Pharmaceuticals Ltd, St Ives House, St Ives Road, Maidenhead, Berks SL6 1RD.*

Dyspamet 'chewtabs'

Bridge Pharmaceuticals, a division of Smith Kline & French, have introduced Dyspamet Chewtab tablets. Each white, square, chewable tablet contains 200mg of cimetidine, with inactive ingredients, lactose 900mg and sorbitol 790mg. The tablets should be thoroughly chewed before swallowing. They are available in blister packs of 120 (20 x 60 £16.73). The product licence number is 0002/0148. *Bridge Pharmaceuticals, Mundells, Welwyn Garden City, Herts AL7 1EY.*

BRIEFS

Zyma (UK) Ltd are now responsible for the marketing and distribution of **Eurax-hydrocortisone cream**, **Vioform-hydrocortisone cream and ointment**, and **Locorten-Vioform ear drops**. Zyma liveried packs will become available as present stocks are exhausted. Pack sizes and prices remain unchanged. *Zyma (UK) Ltd, Westhead, 10 West Street, Alderley Edge, Cheshire SK9 7XP.*

The marketing of **Bronchodil** preparations has transferred to Degussa Pharmaceuticals. Pack sizes and trade prices remain the same. Schering Health Care will stay product licence holders until licence transfer by the Department of Health is completed. *Degussa Pharmaceuticals Ltd, Science Park, Milton Road, Cambridge CB4 4FY.*

Trimethoprim tablets 100mg (100 £2.95 trade) and **200mg** (100 £4.40 trade) have been added to Evans' range. All stocks of the 500 pack of aminophylline tablets 100mg are exhausted; the pack size is now 100. *Evans Medical Ltd, 318 High Street, North Dunstable, Beds LU6 1BE.*

A 30g tube of **Gynoll II** contraceptive jelly will be introduced on October 5, containing 2 per cent nonoxynol-9 (£1.14 trade). *Ortho-Cilag Pharmaceutical Ltd, Saunderton, High Wycombe, Bucks.*

The pack of 10 vials of **Crystapen injection 300mg** has been discontinued and replaced by a 100 vial pack (£7.70 trade). *Glaxo Laboratories Ltd, Greenford, Middlesex UB6 0HE.*

Ventolin Nebules will be available in a 5mg strength from October 5. Each Nebule contains 2.5ml of solution containing salbutamol sulphate 2mg per ml (20 Nebules £7.67 trade). Product licence number 0045/0133. *Allen & Hanburys Ltd, Greenford, Middlesex UB6 0HE.*

Astra's once daily isosorbide mononitrate treatment for angina pectoris, **Imdur**, is now available to GPs. It has been in hospital use since early August. *Astra Pharmaceuticals Ltd, Home Park Estate, Kings Langley, Herts WD4 8DH.*






Correction The dose of Leo's **One Alpha Solution** for children over 20kg bodyweight, is 1mcg/day and not as stated in C&D last week, p608.

Chemist & Druggist 3 October 1987



OUR IMPACT IS MORE — THAN SKIN DEEP —

Before re-launching Radian-B we researched the rubefacient market thoroughly, which means that the brand is now equipped to make an even greater impression on your customers. And your sales.

-  Medically proven formula which brings fast and lasting relief from muscular or rheumatic pain.
-  The most extensive range available. The rub, spray, liniment and warm-up embrocation were designed to satisfy all types of consumer.
-  New eye-catching packs and colourful P.O.S. with research-proven impact and appeal.
-  Biggest ever consumer campaign to create high levels of demand.
-  The highest retailer profit for a nationally advertised rubefacient.

Radian-B

ACTION THAT'S FAST
WITH RELIEF THAT LASTS

Call our Customer Liaison desk
now on 0509 611001 for
bonus terms and your
full P.O.S. package



**You'll be surprised
to learn the name behind
the best known names.**

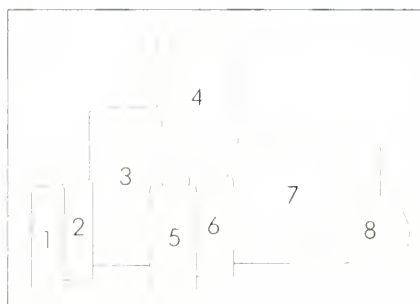


There's no better known name in the eye care market than Optrex. And we're going to be spending more than ever making sure that with well-known names, familiarity breeds demand.

A total of £1,450,000 will be spent on T.V. and in press by January.

As you can see, we're putting a great deal behind Optrex. But who is the name behind this well-known name?

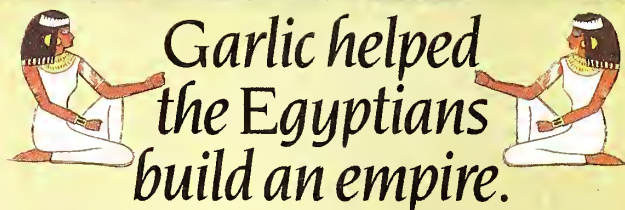
Crookes Healthcare, the number one healthcare company. With products like Optrex, we'll bring you sunshine.



1 Crookes Healthcare
2 Crookes Healthcare
3 Crookes Healthcare
4 Crookes Healthcare
5 Crookes Healthcare
6 Crookes Healthcare
7 Crookes Healthcare
8 Crookes Healthcare



Behind the best names.



It'll do the same for you.

Since ancient times the medicinal properties of garlic have been valued. The recent movement towards healthier living has renewed interest in the herb – especially since Höfels have developed the new Neo-Garlic capsules which are guaranteed to be odourless and tasteless.

Höfels Garlic Pearles

Now with a full product licence. So you can confidently recommend the range of Höfels Garlic Pearles for the safe, effective relief of catarrh, rhinitis and common cold symptoms.

We're building on our 75% share of the £4.0 million market

With a heavyweight spend in the colour and specialist press, supported by P.R. and comprehensive P.O.S. package.

Build your profits with Höfels

Our 1987 campaign includes a valuable bonus scheme, giving you ample scope to capitalise on a new, fast-growing product area. Building profits will never have been so easy.



COUNTERPOINTS



Unichem's child size in 30s

Unichem are adding a 30-nappy pack of child size 33-55lb disposable nappies to their own-label range.

The new pack will retail at £4.16 against a trade price of £20.78 for six, during October introductory prices of £3.71 and £17.14 respectively apply. *Unichem Ltd, Unichem House, Cox Lane, Chessington, Surrey.*

Extra supplement

Cantassium CoQ10 is the latest food supplement to be introduced by Larkhall Laboratories.

Each tablet contains 10mg co-enzyme Q10 (30, £5.90). Tests in America have shown that levels of the co-enzyme appear to fall as people grow older and this may be linked with a decreased resistance to disease. An introductory offer of three packs for £7.50 is available to retailers. *Larkhall Laboratories plc, 225 Putney Bridge Road, London SW15 2PY.*

Life begins at Forte . . .

Booker are introducing EPA Forte, a new fish oil concentrate in the Healthcrafts range. The capsules contain a high potency of eicosapentaenoic acid and docosahexaenoic acid, says the company. The recommended daily intake is one capsule or more as required, with food, up to a maximum of three a day. Cases (6 by 30) are available at £18.41, and the retail price is £5.29. *Booker Healthfoods Ltd, Canada Road, Byfleet, Surrey KT14 7JL.*

Mentholatum's moves

All Mentholatum products, including extra fill Deep Heat spray (free 20 per cent extra) and Deep Heat rub are available with bonus discounts until October 16. The company is carrying Press advertising in national daily and Sunday newspapers on Deep Freeze for 22 weeks, say *The Mentholatum Company Ltd, Longfield Road, Twyford, Berks RG10 9AT.*

Outer danger . . .

A new Monphytol outer carton is being introduced to reduce the possibility of damage to the contents. The product and bottle are unchanged, say *LAB Ltd, 91 Amhurst Park, London N16 5DR.*

Keying in to Profitline

Numark Profitline promotions during October offer the consumer the following Keyline extra value packs: Bodyform towels, regular 20s, with four free towels; Gillette GII and Contour cartridges with free blades; Lucozade, 10 per cent free; Radox salts and herbal bath both with 20 per cent extra value; Silvikrin trial size pack of 200ml shampoo and 200ml conditioner banded.

Retailers are being offered the chance to qualify for Westclox quartz carriage clocks or Braun voice control alarm clocks with orders of Contour, plus the chance to qualify for entry into a draw for a Toshiba compact disc player. Kleenex Tissues and LRC medicines will both be offering Marks & Spencer vouchers.

Choice Buyline extra value packs include Alberto VO5 hot oil, Bristows hairspray, Dimension shampoo, Handy Andies and Wella Shockwaves gel.

Family Care lines include Actal tablets, Anadin, Aspro Clear, Paraclear, Junior Paraclear, Clearblue home pregnancy test system, Disprin, the Germolene range, Halls Mentholypus, Lemsip, the LRC medicine range, Metatone, Abidec multi-vitamin drops, Murine, Redoxon, Paracodol, Savlon antiseptic cream, Selsun, Solpadeine, Timocort hydrocortisone cream, Venos and Zubes.

This promotion is the first part of the "Help us to help your local playgroup" promotion. Numark, 51 Boreham Road, Warminster, Wilts BA12 9JU.

Over the Wahl to the UK

Two bodycare products have been introduced to the UK by the American Wahl Clipper Corporation.

The Wahl Groomsman beard trimmer and the Wahl massager kit are available through sole UK distributors Marchant Hills (UK) of Birmingham.

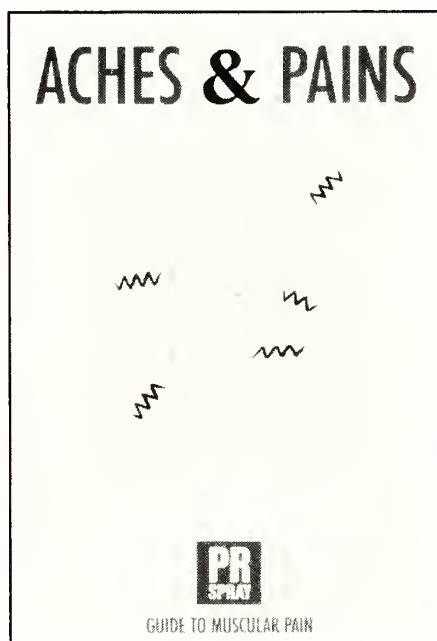
The cordless trimmer comes with three batteries, storage base, blade guard, mini grooming comb and cleaning brush, and retails at under £20, says the company.

The 4-in-1 massager kit has four attachments for body, scalp, facial and deep muscle massage. The unit is available as a single or two-speed model, and is supplied with an illustrated booklet (£20). Marchant Hills (UK) Birmingham, Great Hampton Street, Birmingham.



Aiming at the aches and pains

PR Spray, from Crookes Healthcare, now has an explanatory guide called "Aches and pains", aimed at the two main markets for the brand — those sustaining accidental injury and rheumatic pain



sufferers. The guide will be offered to healthcare professionals and distributed to women's interest and elderly magazines. Copies are available to all pharmacists and pharmacy assistants who send a stamped, addressed envelope. Shire Hall Press & PR, 13 Jacob's Well Mews, London W1H 5PD.

Dose of advice

"How to take your medicine — a message from your pharmacist" is the latest leaflet for the Health Care in the High Street scheme. It has been produced by the NPA with the PSNC and the Pharmaceutical Society, and is printed by the Plain English Campaign.

An English view of wine

The English men's toiletry range has joined with Biddington Vineyards to offer a free bottle of English estate bottled wine with every consumer purchase of aftershave and cologne until after Xmas.

Showcards are being released with every order, which also include a wine bonus for the chemist. Tom Fields (UK) Ltd, Park Farm Industrial Estate, Folkestone, Kent.

Thinking of thermometers

Robinsons of Chesterfield are concentrating promotional activity during October and November on Feverscan, their forehead thermometer.

Robinsons are supplying chemists who stock the product with vinyl self-cling window stickers. The stickers read "Feverscan forehead thermometer, the safe and accurate way to take a temperature. On sale here." The company is also taking part in the "New Mum" sampling exercise.

Feverscan is being supported by a series of regional newspaper competitions. Robinsons of Chesterfield, Wheat Bridge Mills, Chesterfield.

ON TV NEXT WEEK



GTV Grampian	U Ulster	STV Scotland
B Border	G Granada	(central)
C Central	A Anglia	Y Yorkshire
CTV Channel Islands	TSW South West	HTV Wales & West
LWT London Weekend	TTV Thames Television	TVS South
C4 Channel 4	Bt TV-am	TT Tyne Tees

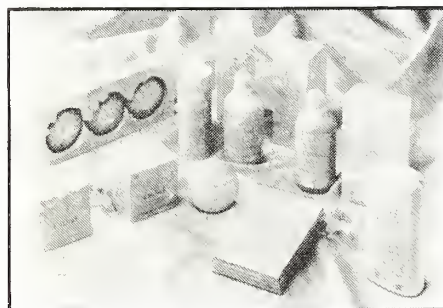
Anadin:	All areas
Askit powders:	GTV,STV
Bic razor	Bt
Clearasil:	All areas
Deb's soap dispenser	LWT,Bt
Deep Fresh:	Y
Dettol:	Bt
Fiesta kitchen towels:	All areas, C4, Bt
Lipcote:	C
Maalox Plus:	Y
Macleans:	All areas
Mylanta II:	G
Pea Douce babyslips:	Bt
Reach toothbrushes:	All areas
Seven Seas cod liver oil:	GTV, B, Y, A, HTV, TSW, TVS, TTV
Simple:	HTV, STV, GTV, B, TT, TSW, Y, U
Vantage:	All areas
Windcheaters:	TTV

Hand made soaps from Piele

Piele have introduced a range of hand made soaps, which they claim to be suitable for all skin types, including those with allergies or eczema.

Piele soap comes in ten fragrances, including jasmin, musk, almond, lemon, algae and flowers, but has an alkaline value of only 0.001, says the company. It is made in Brazil from plant glycerin and coconut oil, and retails at £0.99.

The company will be backing the product with advertising in *The Vegetarian* magazine, and has plans for more radio and consumer Press advertising. *Piele, 40 Bowling Green Lane, London EC1R 0NE.*



Orchids from Potter & Moore

Potter & Moore have produced five new items for Autumn, and introduced a new fragrance — orchid.

The new fragrance, packaged in peach and pink, covers the bath and bodycare ranges ranging from £0.40 for a zest soap to £3.25 (hand and body lotion).

A line of 15g fragrance sprays are available for the Autumn in lavender, wild rose, melissa and orchid. The sprays will retail at £1.95 and are in spray bottles with silk flowers on the bottle.

Pot pourri pillow packs are available in three fragrances: melissa, scented geranium and herbal (£1.95) and a cologne bath splash (£2.99) will be available in melissa and scented geranium.

A 75ml cartoned hand cream retailing at £1.49 is featured with a new product — spa bath — a foaming bath containing mineral extracts (£1.95). Both products will be available in two fragrances: melissa and herbal. *Potter & Moore Ltd, Lincoln Road, Werrington, Peterborough PE4 6ND.*



Wella are running an on-pack promotion on their Colour Confidence range of permanent colorants.

All 18 shades of Colour Confidence and hair streaking kit will feature a 30p off next purchase coupon, which is redeemable against any Colour Confidence product, including Hair Lightener, until December 31. *Wella Great Britain, Wella Road, Basingstoke, Hants RG22 4AF.*

Babyfood in segments

Milupa have completed the segmentation of their baby food range into breakfast time, dinner time, tea time and for all times.

The company says that research among mothers indicated that they wanted babyfood segmented to make it easier to choose. And Milupa claim that tea time savouries, the first phase of the development, has been a success.

"Mealtimes" are being advertised in the women's Press, featuring the "little experts", and including a 20p off next purchase coupon.

The company is suggesting that for the trade, shelves could be merchandised to reflect the mealtime segmentation. Representatives can provide point of sale material, including shelf barkers. *Milupa Ltd, Milupa House, Uxbridge Road, Hillingdon, Uxbridge, Middx UB10 0NE.*

Panpharma back OTC in Press

Panpharma are embarking on a campaign for their OTC brands, Propain, Medised and Dermacort.

Medised suspension (for children), is being supported by a new consumer promotion in the national Press, based on the "wise owl" logo and Panpharma representatives will be providing point-of-sale and merchandising support for the brands. *Panpharma Ltd, Hayes Gate House, 27 Uxbridge Road, Hayes, Middlesex UB4 0JN.*

Rimmel tell a Christmas story

Ice Partners is the name given to Maybelline's Christmas line of lipsticks and nail enamel.

The colour fusion lipstick retails at £1.60 and comes in four shades: Gold as ice (nutmeg and gold); Sloe on ice (damson and bilberry); Steel to ice (strawberry and platinum) and Ripple in ice (raspberry and pink).

The nail enamels come in matching shades, and both products are available from November.

Rimmel's Christmas lines, 'Once upon a time', come in two colour schemes: Gold slipper/apple green and Pink mouse/plush mauve.

The products include Hair lights for hair streaking and highlighting (£1.99); Star lights, "opalescent festive foil motifs suspended in a translucent gel for face and body" (£1.39); High lights for face and body (£1.99); Neon lights tubes of glitter in a gel (£1.49); Night lights eyeshadow (£1.79); Lip lights (£1.19) and Nail lights (£0.85). These products are also available from November. *Rimmel International Ltd, 17 Cavendish Square, London W1M 0HE.*

Scenting new lines from Dana

Dana are extending their Jacques Saint Pres line with three fragrances: Java, using a blend of green and woody notes, for men and women; Pamir, with tuberose and jasmin, magnolia and lily, and Tagor blending lily of the valley, jasmin and rose with ylang, musk and patchouli. The products are packaged in fluted glass bottles, painted in black (Java), red (Pamir) and white (Tagor) and they retail at £4.40. *Dana Perfumes Ltd, 45 Crusoe Road, Mitcham, Surrey CR4 3LJ.*

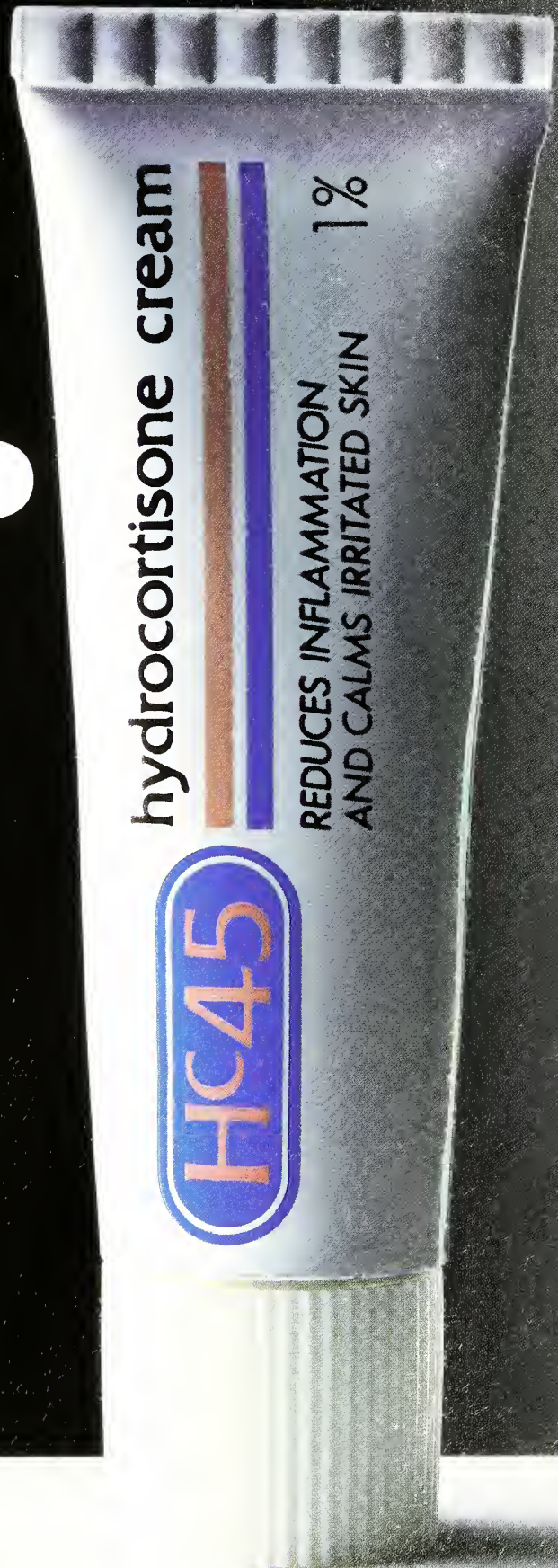
Putting on Christmas lights

David Anthony Pharmaceuticals are offering a free case of 20 Duracell batteries with every order of three cases of Durabeam torches, an offer designed to meet product demand pre-Christmas, say *David Anthony Pharmaceuticals, 12 Spindus Road, Speke Hall Industrial Estate, Speke Hall Road, Liverpool L24 1YA.*

THE

No.

Since its launch, HC45 has already established itself as the market leader. Independent audits confirm that HC45 is the biggest selling, most widely available OTC hydrocortisone cream. **Trust Cream E45 to relieve.**
Trust HC45 to treat.



Effective dermatological products from





Speaking of Lypsy!

Ciba Consumer Pharmaceuticals are supporting Lypsy! with a £400,000 spend in the women's Press. Three advertisements — one features the new Lypsy! Night-Time — will run in the major weekly and monthly magazines with the emphasis on the 15-24 age group, say Ciba. A new merchandiser is available for the Night-Time product. It will carry 50 leaflets containing details of a competition, which offers the chance for the winner to choose a gift up to the value of £5,000, and the first five thousand entries attaching a till receipt will receive Lypsy! diaries. *Ciba Consumer Pharmaceuticals, Wimblehurst Road, Horsham, West Sussex RH12 4AB.*

The Ultima product

Ultima II are launching a new product called Procollagen Anti-ageing firming foundation (30ml, £20).

Colours available are soft beige, honey beige, cameo beige, blushing beige, medium beige, deep tawny, bronze glow and cool umber. *Ultima II, 86 Brook Street, London W1.*

More Shocking

Wella are extending their Shock Waves range to include a 400ml sized of Hard Rock hairspray. The new can size represents a saving of around 17 per cent, say *Wella Great Britain, Wella Road, Basingstoke, Hampshire RG22 4AF.*

Lever shower the market

Lever Brothers are launching Shield shower soap and bath foam and describing the move as "a bid for a slice of a market with huge potential for expansion." The shower soap market is growing at a rate of over 25 per cent per year, says the company, and bath foam sales are worth £63m, and increasing by 10 per cent per annum.

Both products have adopted the aqua colour. The shower soap includes conditioning and moisturising agents and comes in a disc top bottle with a folding hook for hanging the pack.

Shower soap is available in 200ml bottles at £1.19, with an introductory offer of a 75ml bottle at £0.19.

Shield bath foam incorporates the same deo-perfume, with a conditioning agent, and comes in a 500ml bottle at £1.29, with a trial offer of 125ml size at £0.19.

Support for the launch includes television advertising from November through to February, with an advertisement shifting slightly away from Shield's previous "keeps a body cool" image, and focusing on personal freshness in social situations; a national Adshel poster campaign in November; press advertising from the New Year, specific to bath foam and shower gel, and mini bottles of both variants available during the launch period to encourage trial. *Lever Brothers Ltd, Port Sunlight, Wirral, Merseyside L62 4ZD.*

Holiday hotline

Ernest Jackson & Co are offering callers to their "hotline" the chance to win a weekend for two in Devon. A Throaties mystery gift is also available to callers who remember to say: "Just one chew and the medication floods through", when placing their order. *Ernest Jackson & Co Ltd, Crediton, Devon EX17 3AP.*



Confident move for Mirair

Chesebrough-Pond's are launching an on-pack promotion with Mirair air freshener during October, November and December.

All Mirair packs will be specially flashed with an "Air of confidence guarantee", which promises all dissatisfied consumers a full refund on sending in a proof of purchase.

Tom Darlow, product manager for Mirair, comments "This promotion is based on our confidence in the competitive advantages Mirair offers consumers; specifically the longevity of release over a period of eight weeks." *Chesebrough-Pond's Ltd, PO Box 1DY, Hesketh House, Portman Square, London W1A 1DY.*

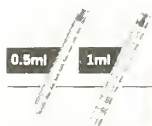
Tough line...

Marigold are relaunching their household gloves range, and introducing a new style designed for extra protection.

Hairdresser, Handyman and Suregrip all feature new packaging, and the new style, Marigold Tough, is of industrial strength and designed for household tasks and gardening. The gloves are available in small, medium, large and extra large sizes, in display cartons of one dozen. *LRC Products Ltd, North Circular Road, London E4 8QA.*

Open prescriptions? Point them this way.

Only B-D 1ml U-100 and 0.5ml U-100 sterile interior single use syringes feature the double lubricated MICRO-FINE III needle for the best injection comfort available.

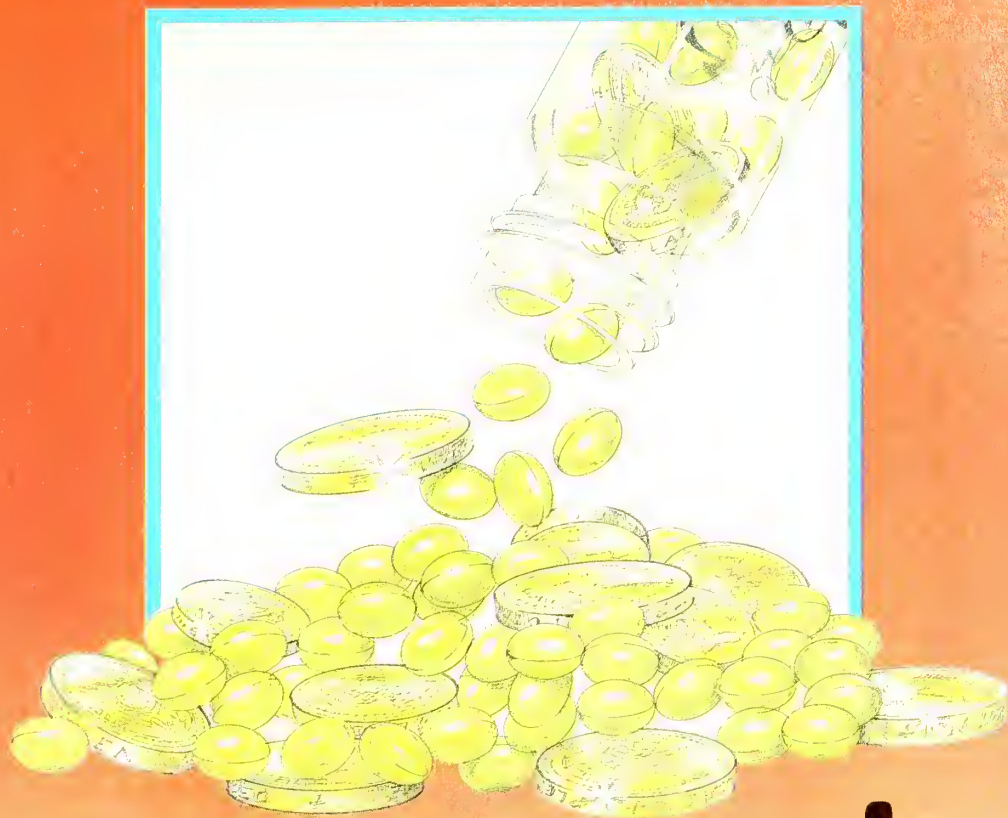


B-D INSULIN SYRINGES
FOR MAXIMUM INJECTION COMFORT



BECTON DICKINSON Becton Dickinson UK Limited, Between Towns Road, Cowley, Oxford OX4 3LY Telephone 0865 777722

B-D and Micro-Fine III are trademarks of Becton Dickinson and Company



An unexpected windfall

The huge success of Windcheaters means big profits. A major product and a winner every time.

BIG TV CAMPAIGN
FROM SEPTEMBER
Thames. Central. Tyne Tees.



STOCK UP NOW

Windcheaters CAPSULES[®]
Fast relief for the discomfort of wind



Further information is available from Napp Consumer Products.
Napp Laboratories, The Science Park, Cambridge CB4 4GW. Member of the Napp Pharmaceutical Group.
WINDCHEATERS Capsules contain activated dimethicone 100 mg USP.



HOW TO MAKE A MAN WITH MOUTH ULCERS SMILE.

BELIEVE it or not, as many as one in five people suffer from recurrent mouth ulcers.

And they're no laughing matter.

They can make eating a potato crisp feel like chewing broken glass. A toothbrush seem like an instrument of torture.

Fortunately, you're in the happy position of being able to do something about it, by suggesting 'Corsodyl' Mouthwash.

In a study at Guys Hospital 'Corsodyl' was found to have a greater antimicrobial effect than eight other mouth washes.¹

'Corsodyl' inhibits bacterial plaque and prevents secondary infection. It can also soothe the pain of aphthous ulcers and help get rid of them more quickly.²

You can also recommend 'Corsodyl' mouthwash (as do many doctors and the majority of dentists) for routine oral hygiene, and for treating gingivitis, and stomatitis.

Used twice daily, it can turn a wince into a smile.

'Corsodyl' mouthwash is a competitively priced 'P' classification product.

**CORSODYL
MOUTHWASH**

chlorhexidine gluconate 0.2%

NOW AVAILABLE IN

300ml
SHATTER PROOF PACKS



THE RECOMMENDED COURSE OF TREATMENT IS 2 x 10ml DAILY FOR ONE MONTH.

Prescribing Notes for 'Corsodyl' Mouthwash: Use: Inhibition of plaque; treatment and prevention of gingivitis; maintenance of oral hygiene; promotion of gingival healing following surgery; management of aphthous ulcers and oral candidiasis. **Presentation:** A clear pink solution containing 0.2% w/v chlorhexidine gluconate. **Dosage and administration:** 10ml undiluted twice daily. Rinse mouth for one minute and spit out. **Contraindications:** Previous hypersensitivity reaction to chlorhexidine, extremely rare. **Precautions:** For oral use only, keep out of eyes. **Side effects:** Occasional irritative skin reactions. Generalised allergic reactions to chlorhexidine are extremely rare. Superficial

discolouration of the teeth may occur. Transient taste disturbances and oral desquamation. Very occasional parotid swelling. **Product licence number:** 29/0124. **Basic NHS cost:** £1.04 per 300ml bottle. 'Corsodyl' is a trademark. **References:** 1. Grenby TH & Saldanha MG. *Br. Dent. J.* 1984; 157: 239. 2. Addy et al *Br. Dent. J.* 1974; 136: 452.



Further information available from ICI Pharmaceuticals (UK), Alderley House, Alderley Park, Macclesfield, Cheshire SK10 4TF.

Feminax puts on new look

Nicholas Laboratories have redesigned the packaging for Feminax.

While retaining the overall pink that has become Feminax's "house-colour", the logo has been restyled. At the same time, the tablets are now capsule-shaped to make them easier to swallow.

The Autumn sees the start of a new £200,000 promotion campaign aimed at young women between 13-24 using eight women's magazines. The schedule ensures that over 70 per cent of those in the target



age bracket will see a Feminax advertisement at least six times during the next 12 months, claim *Nicholas Laboratories Ltd, 225 Bath Road, Slough, Berks SL1 4AU*.

Zooming in

The Pentax Zoom 70 has been voted "European compact camera of the year" by nine of Europe's photo magazines, including *Amateur Photographer*.

In making the award the jury panel

said: "The Zoom 70 was given the award because of its evolutionary use of a small but optically very good 35-70mm zoom lens in a fully automatic compact camera."

Pentax have produced a range of POS material to support the camera. *Pentax UK Ltd, Pentax House, South Hill Avenue, Harrow, Middlesex*.

Bio the bye...

Kanebo have brought out Bio lipstick to complement their Bio cosmetics and skin care line, launched in Spring this year.

The lipstick, made with shikonin, a red colorant obtained from an Asian root, comes in 12 different shades and retails at £12.50. *Kanebo Division of OBL Manufacturing Ltd, Bone Lane, Newbury, Berks RG14 5TD*.

Adding it up

Mandora St Clements have produced a six page leaflet for consumers who want to know more about artificial additives. Called "Facts about additives", the leaflet gives details of what they are, why they are used, and a quick reference list of additives most often found in today's food and drinks.

Copies of the leaflet can be obtained from the company: *Mandora St Clements Ltd, Bellamy Road, Mansfield, Notts NG18 4LW*.

The unforgettable presentation



NEW
FROM OCTOBER
1987

The New Nordox Compliance Pack helps ensure that elderly, busy or forgetful patients take their Once Daily Dosage.

Available from October 1st, 1987, through your usual wholesaler.

For further information, contact your local Panpharma representative, or ring the Panpharma Sales Department on 01-561 8774.

panpharma

Panpharma Ltd, Hayes, Middlesex UB4 0JN

NORDOX

DOXYCYCLINE 100 MG

Once daily for Bronchitis and Sinusitis

Cussons — all's gel

Cussons are launching two Imperial Leather shower gels into a market they expect to double in the next three years, and they are planning to back the brand with a £1m national advertising campaign.

Called Shower, both come in 200ml ivory packs, with a reversible hook lid for standing or hanging and an automatic seal opening to prevent leaking, and retail at £1.09.

Shower original, with red and gold graphics, is a creamy hair and body gel for the whole family, while the new dawn



variant, with pink and grey graphics, is a scented moisturising creme. Commercials will run from February 1988, say Cussons (UK) Ltd, Kersal Vale, Manchester M7 0GL.

Teddy on...

Kimberly-Clark are now backing Kleenex Velvet with a teddy bear offer, linking in with the latest £4.5m advertising campaign.

In return for two proofs of purchase from twin-roll packs, or one from four or

six-roll sizes, plus £4.50 (half the retail price, says the company), consumers can receive a 33cm tall teddy bear.

The promotion is designed to link in with current television and radio commercials which feature teddy bears. Kimberly-Clark Ltd, Larkfield, near Maidstone, Kent.

Spearhead keep Tempo in tissues

This Autumn sees the arrival of a new competitor in the £120m facial tissue market — Tempo by Spearhead, claimed to be the world's biggest selling paper handkerchief.

Tempo is being described as "Best for colds" and its selling points are given as strength and softness.

Packs of Tempo contain 10 tissues, and are sold singly (about £0.15) or in sixes (about £0.70). A promotion running from November offers cases of 42 singles for the price of 30, and packs of six with four free.

Further support will come from a programme of consumer promotions during the Autumn and a television campaign in January and February to coincide with the peak selling period. Spearhead say Tempo is being positioned to compete in the mainstream of the UK tissues market. Spearhead Ltd, 258 Vauxhall Bridge Road, London SW1V 1BS.

Stop Press
Appearing in major young women's magazines during '87 and spring '88.



BARE-FACED CHEEK FROM TEN-O-SIX.

Ten-O-Six deep pore cleanser.

Removes dirt, oil, make-up.

Gentle but very effective.

Cleans, tones, conditions.

Leaves skin smoother, softer.

Use first thing in the morning, and the very last thing at night.

Regular lotion for normal skins, and

Mild for dry, more sensitive skins.



Stock up now

TEN-O-SIX. FOR A LIFETIME OF BEAUTIFUL SKIN.



1987 will see Cussons sales almost doubled in five years.
60% of these will be outside our heartland of soap.

GENERATING NEW IDEAS FOR THE '90's.
Look out for the latest on the centre spread.

India Grange: starter for 200...

India Grange Ltd, now sole distributors of Arcancil cosmetics, are offering retailers a starter pack.

The pack comes for £200 trade containing six shades of nail polish, trio eyeshadow and cream mascara and eight shades of lipstick, all in a POS stand. *India Grange Ltd, Cosmetics & Skin Care Division, Addison Road, Sudbury, Suffolk CO10 6YJ.*

Aigner: Silver touch for men

Etienne Aigner have extended their Silver men's toiletries range with the introduction of new eau de toilette Natural spray in a 50ml size, retailing at £24.50. Distributed by *Wigmore Products, Victor Mens Toiletries Ltd, 31 Chase Road, London NW10 6PU.*



After sifting through hundreds of photographs, the judges of Smith & Nephew's OTC Home Healthcare displays competition decided that the first prize of £500 worth of vouchers should be awarded to Mr W.A. Lawrie (centre) of W.A. Lawrie High Street, Tarporley, Cheshire. He received his prize from representative Andy Pear. Mr Lawrie is using his prize to take a well-earned rest in Barbados. The presentation was watched by Home Healthcare product manager Graham Dowsett. David Hibbard of D.M. Hibbard, Birmingham Road, Great Barr, Birmingham, captured the second prize of £250 Thomas Cook vouchers and the third prize of £150 holiday vouchers went to Mrs Clark of the Midland Co-operative at Stafford

Going into Aesthetics...

Aesthetic Cosmetic have introduced a range of Kajal eyeliner or eyeshadow pencils (£1.95). Colours available are black, blue, pink, salmon, violet and green. *Aesthetic Cosmetic Ltd, Unit 14, Hawthorn Centre, Elm Grove Road, Harrow HA1 2RF.*

Oil will be revealed...

Bronnley are running special offers on their Almond Oil range, for sale in the pre-Christmas period.

Boxes of three hand soaps (75g tablets) feature 65p off, with £1 off a box of three bath soaps. And moisturising bath foam is offered with £1 off, in special *H. Bronnley and Co Ltd, 10 Conduit Street, London W1R 0BR.*

DON'T LET YOUR CUSTOMERS GRAB TOO MANY BARGAINS.



Shopshield laminated windows protect your merchandise against vandals and thieves, resisting repeated attacks from heavy implements.

No grilles, no shutters and no boarding-up costs, if you are attacked.

Shopshield is cost effective, easy to install and indistinguishable from normal plate glass in use.

For security with economy, look for the Shopshield label on your next shop window.

BE SURE WITH SHOPSHIELD

IMPACTEX SAFETY GLASS, KNOWSTHORPE GATE, CROSS GREEN INDUSTRIAL ESTATE, LEEDS LS9 9NS. TEL: (0532) 497511

Beware: Strong Currents.



Panasonic Industrial UK Ltd, 280-290 Bath Rd, Slough, Berks SL1 6JG Tel 0753 73181



SEVEN
SEAS

THEY'LL FLOURISH NOW
THEY'RE IN OUR NURSERY



We've bought the sole rights to Minadex and sugar-free Adexolin the leading vitamin and mineral preparations for children.

Their position in the market place is now being reinforced by our expertise as the vitamin and supplement specialists. Which means their sales will mushroom.

- Immediate promotion at the two crucial national health care conference and exhibitions this autumn.
- Heavyweight colour advertising campaign in the parental and health visitors' press during the winter sales period.
- Substantial PR campaign in both parental and para-medical press.
- Excellent profit opportunity for you.

If you want your sales to flourish this winter, follow our example and buy in Minadex and Adexolin, childrens' vitamin supplements. See your Seven Seas representative for more details.

— **SEVEN SEAS. THE HOME OF BRITAIN'S FAVOURITE SUPPLEMENTS** —

NEWS FROM CUSSONS

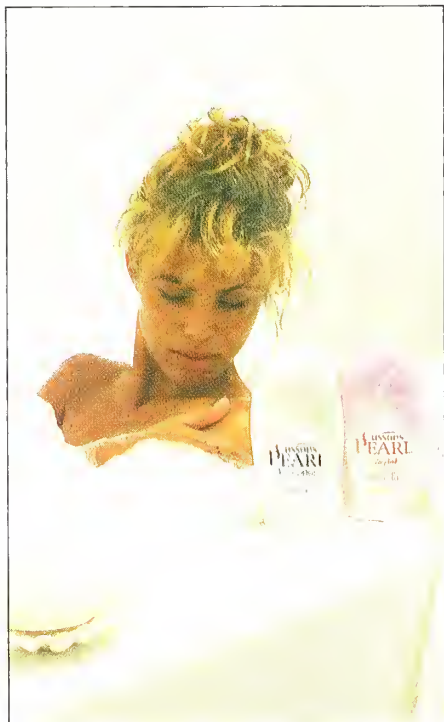
Soak and soap with Cussons Pearl

The light, feminine fragrances of the two Cussons Pearl beauty soaps have been captured in a pair of complementary new Foam Baths under the same Pearl brand name.

The glossy newcomers have been designed to take a substantial slice of the bubbling bath additives market, currently showing strong growth year on year. Priced at £1.29 for 300 ml, Cussons is aiming for high volume sales consistency, combined with good retailer profitability.

New Pearl Foam Bath is unashamedly a female product, moisturising in formula and matching the soap in fragrance and presentation appeal. Both variants – Natural White and Oyster Pink – wear the shimmering pearlised packaging that first distinguished Cussons Pearl at its own launch in 1984 and the new bottle shape echoes the curve of the soap bar.

Pearl Foam Bath and Soap will work together later in the year when cross-coupons are used to stimulate Foam Bath trial. Pearl Soap will also continue to receive heavy television advertising support.



How to add pleasure to bath-time: new pink and white Cussons Pearl Foam Bath.

Why try Dry?

Fresh and cool from its peak summer sales period, new-look Imperial Leather Dry deodorants continue to please the toiletries business with sales growing consistently faster than the market.

Added value and strong media co-ordinated promotions remain the formula behind Imperial Leather Dry's development into one of the market's major players. The strategy works successfully because



Now one of the top ten selling deodorants: Imperial Leather Dry.

A right turn up



NEWS FROM CUSSONS

of the brand's broad user profile: Cussons purposely leaves the high fashion and heavy macho ends of the spectrum to others and concentrates on its central 'family luxury' positioning.

Having boosted brand awareness through a strong television campaign in the late summer, Imperial Leather Dry will be offering over 30 million 10p off coupons in national press advertising as an attractive incentive to virtually every adult in Britain. Simultaneously, extra fill roll-ons and 15p off next purchase aerosol packs will be appearing in store.

Imperial Leather's natural Gold look

Like the mini-skirt, natural looking hair is back in vogue - and so is natural shampoo like Imperial Leather Gold.

Launched on a promise of 'No fancy ingredients your hair doesn't need', Cussons' first shampoo has proved a winner.

Consumers have quickly latched onto the sense of buying simple quality, rather than wrestling with the latest bottled quirks of the fashion business.

Abundant television advertising has pushed Imperial Leather Gold up among the country's leading national brands, helped by imaginative promotions and sampling (including free mini-packs on Woman magazine's golden anniversary issue cover).

But Gold's greatest ally remains its mother brand Imperial Leather Soap. "With the highest household penetration of any personal care brand in the country, Imperial Leather Soap has to be our secret weapon" claims Cussons' General Sales Manager, Mike Davies.

for the books.

Right because new Imperial Leather 'Shower' has been created for people who expect more from a shower than simple refreshment.

Right because its thick, pearlised formulation contains moisturisers to keep the skin smooth and supple.

Right because just two varieties satisfy all your customers' needs, 'Original' for all the family, and 'New Dawn' with a softer, more feminine fragrance.

Right because it has a leak-proof dispenser cap, and a new style hanging pack that looks as good on your shelves as it does in the home.

Right because it will be backed by a powerful TV launch campaign.



So now you know what you need to do to be sure of your share of the growing shower gel market. Right?



GENERATING NEW IDEAS FOR THE 90's.



No fancy ingredients your hair doesn't need.

This is why Imperial Leather Gold's in-store promotion of added value packs this Autumn is being supplemented by an additional 5 million trial - getting 5p off coupons on Imperial Leather Soap packs. At the same time over 30 million 10p off coupons will be appearing in national press advertising for Imperial Leather Gold.



What's small, wet, stays right to the end and outsells its nearest competitor by over a third? That unique inset badge has proved a lasting emblem of Imperial Leather's brand leadership, currently standing at over 14 percent of the toilet soap market for the last 12 months (and the year before, and the year before that...).

NOW
AVAILABLE
OTC

When the skin reacts

CEMENT
CHEMICALS
DETERGENT
GLUE
INSECT
BITES
PLANTS
PERFUMES
TOILETRIES
METAL
RUBBER
LEATHER
RESINS

react with Efcortelan P

Cream and Ointment – Containing Hydrocortisone BP 1%



PRODUCT INFORMATION

Presentation Efcortelan P Cream and Ointment contain 1.0% Hydrocortisone BP.

Indications For the treatment of irritant dermatitis, contact allergic dermatitis and insect bite reactions.

Dosage and administration Use sparingly over a small area once or twice-a-day for a maximum period of 1 week.

Contra-indications Do not use on the eyes or face, ano-genital region, or broken

or infected skin. Do not use in pregnancy without medical advice. Not recommended for use in children under 10 years of age without medical advice.

Product Licence numbers Efcortelan P Cream 0004/0327. Efcortelan P Ointment 0004/0326.

Product Licence holder:
Glaxo Operations UK Limited
Greenford, Middlesex UB6 0HE

Further information on Efcortelan P (trade mark) is available on request from: Glaxo Laboratories Limited, Greenford, Middlesex UB6 0HE

Glaxo Leaders in topical steroid therapy

SUNGLASSES

More for Lessar

Lessar Brothers are introducing new fashions to their Solarite range for '88, with Popular models from £3.50 to the speciality Zeiss Umbral from £21.95.

Popular Models in this popular range will lead towards plastic frames next year, (£3.50-£4.95), while Looking Good offers young classic designs from £5.95 to £9.95. Ten Pol-rama polarised models retail up to £7.95, and six budget and ten fashion models fitted with rapide lenses are available, which, for an extra cost, can be fitted with new Sprint lenses. The Zeiss Umbral collection offers 11 models, starting at £21.95 and there are 20 varieties of clip-ons and a full assortment of children's sunglasses including two with polarising lenses, from £4.95.

Free POS displays with qualifying orders are available.

For big spenders

Designed for the retailer who is "bored with the same cheap sunglasses", Oliver Goldsmith are offering their range of designer brands, from £30 for Carrera to £218 for Cazal.

All but two are fitted with CR39 lenses, and the collection includes Christian Dior, Playboy, Carrera, Boeing Collection, Dunhill, Persol, Porsche Design, Bolle's Irex 100, Vuarnet, Echtenia and Targa Cazal. The company now has five sales representatives, offering products in any combination or quantity requested.

Growing family...

A family business offering personal requirements continues to be the policy of Titcomb Fashion Sunglasses, who report a 15 per cent increase in sales this year.

They attribute this to an excellent Spring start to the season, with low but steady Winter holiday demand at the end.

Plastic frames accounted for over half the sales, says the company, especially those around the middle price range (£3.95-£8.95, trade) fitted with Reactolite Rapide and

CR39 lenses. And 1988 sees the introduction of 60 new plastic models out of the 90 introductions falling across all lens types. A choice of 21 metal and plastic frames using Rapide Sprint (£5.95-£9.95, trade) is included for 1988. Also new is a plastic fashion range from West Germany for women (£1.50-£5.95, trade) as well as Le Cable metal designer range for men, and Italian Riccordero Polinell collection for women (both £10.50, trade, with case).

Vision for '88

From £8.95-£49, 20th Century Visions aim to offer a comprehensive range in their own Visions Primetta range and the Couture Collection.

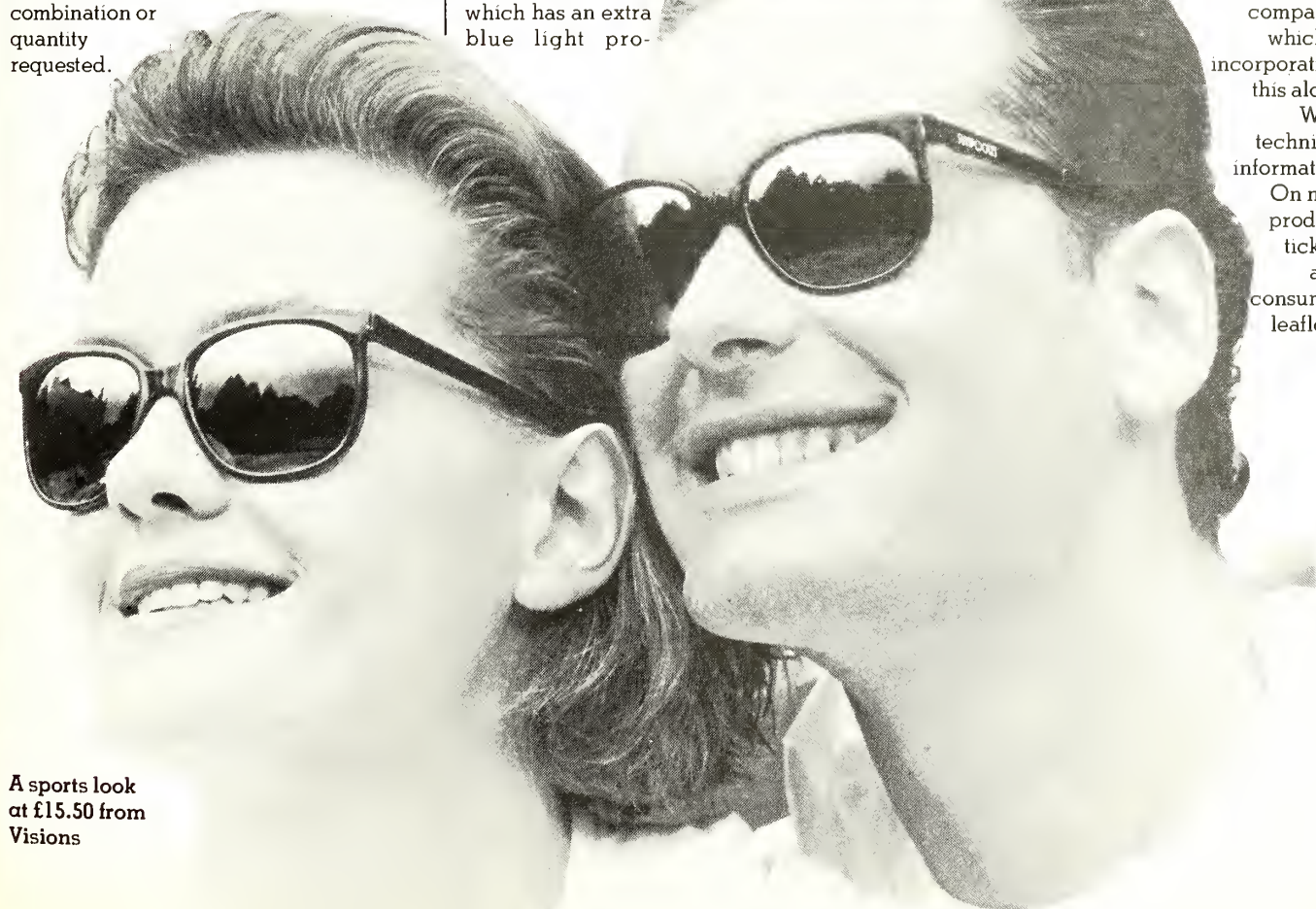
New styles and colours can be seen across the Visions Primetta range. In particular they are launching 31 models using the new Reactolite Rapide Sprint lens (£19.50-£21.50). The Polarised, Fashion Classics and Contemporaries ranges will be joined by a new Flyers Collection. Inspired by films like "Top Gun", it includes eight models from £8.95-£12.50.

And a new Amber Sports lens is being added to the Sports range (£12.50-£17.50), which has an extra blue light pro-

TECTIVE capability, says the company.

In the Couture Collections, black and tortoiseshells dominate the Yves St Laurent range (£31-£49) which include all weather lenses designed for sports. Ted Lapidus uses stripes and red tinged tortoiseshell (£49), Laura Biagiotti mother of pearls and marbled looks (£49), and Charle Jourdan black and tortoiseshell (£35-£41). At the lower end of the designer price range, Mary Quant (£9.95-£19.50) launches two models with mixture of plastic and metal, designed to give the "college look".

The Visions Primetta range conforms to the new British Standard, says the company, which is incorporating this along With technical information On new product tickets and consumer leaflets.



A sports look at £15.50 from Visions



SUNGLASSES — LIGHT ON THE SUBJECT

When sunglass manufacturers launch their new ranges for 1988 they are not just going to have to live up to function and fashion expectations. The new season will be the first for the new British Standard. This replaces the 1956 publication and foreshadows a corresponding international one that is in the pipeline — indeed it will be replaced by that when it is published. But Britain, it seems, could not wait. Consumers — helped along by the media — have become increasingly aware of the danger of too much light on the eyes and the importance of correct sunglasses. Now the BS requires that products are marked so consumers know what they are getting. In this article C&D outlines the new and necessary classifications, looks at uses of sunglasses and examines what manufacturers — who on mass are welcoming the Standard — have to offer for 1988.

In the past the choice of sunglasses was influenced solely by cosmetic considerations and the generally experienced discomfort in unusually bright light. Recent research has shown the ultra-violet and short wavelength visible light (ie blue <500nm) to be harmful.

The human eye perceives wavelengths from about 400nm (violet) to about 760nm (red) in the electro-magnetic spectrum. The ideal protective filter transmits sufficient light for good vision. For good colour perception some short wavelength light

Robert Harper, research optometrist at London's Moorfields Eye Hospital, looks at the whys and wherefores of recommending sunglasses.

transmission is desirable; however, the human eye does suffer from chromatic aberration because light of different wavelengths is not focussed sharply at the same point on the retina. This blur can

effectively be reduced by the filtering out of the blue end of the spectrum. The yellow lenses used by rifle marksmen reduces this "blue blur" and improves contrast.

The protection provided by nature against the sun's radiation is quite adequate for most individuals in their usual environment. However, for many people spending the majority of their time indoors, sunglasses provide a comfortable alternative to the normal aversion response of lowering the head and "squinting".

Spectacles offering protection from light can broadly be placed into four main groups:

Vocational use — certain artificial sources (eg lasers) emit radiations in excess of the sun's radiation. These hazards are already subject to British Standards and need not be considered here.

Special filters — for people having specific ocular disorders, such as retinitis pigmentosa, albinism etc; such lenses will usually be supplied through hospital clinics. Tinted lenses have been suggested to aid colour discrimination in the colour defective and as assistance for dyslexia; however, the latter has little academic support as yet, and the former has still to be comprehensively evaluated.

Standard tinted spectacle lenses to prescription supplied by the optometrist.

Simple Filters — "sunglasses".

Photochromics and polarising materials

Photochromic glass has had a large influence on both the prescription and sunglass industry. The concept of a lens adapting to ambient lighting conditions is very attractive. Initially the products did not go dark enough fast enough, but developments have produced much improved performance.

Advantages of a *photochromic lens*, apart from the ability to adjust to the ambient lighting conditions, include almost total absorption of wavelength below 400nm. The manufacturers of such lenses usually offer useful information with their products which should be readily available to the pharmacist. The speed of response and the "swing" of the photochromic lenses will vary so appropriate advice should be given to the prospective wearer.

Polarising filters absorb plane polarised light, which is usually produced by reflection. Filters thus absorb the reflected "glare" (see below). Anglers may derive great benefit from polarising filters since they are able to see objects in the water without the distraction of surface reflections. Some polarising materials have excellent absorption in the UVA band (320-400nm).

General purpose tinted lenses, intended for activities such as driving, should have a light transmission factor (LTF) of 20 per cent to 30 per cent, transmit no UV, and preferably reduce further transmission of blue light.

Winter Sports

Winter sportsmen nearly always wear eye protection against both light and cold. New snow reflects about 90 per cent of sunlight. The amount of UV and IR radiation increases with altitude (the intensity of UV doubles every 3,500ft of altitude) and eye protection in such situations is, therefore,

indispensible. There are many commercially available ski-goggles and labelling is usually not a problem.

An LTF of about 10 per cent is required, to cut off completely at 400nm and allow relatively low transmission of the blue end of the spectrum. Protection is also required from the sides and above. It has been suggested that one pair of goggles may not be entirely satisfactory, because in very bright sunlight, the filtering must be very dense and would be too dark for cloudy days. A *photochromic filter* has been advocated as a potential solution.

Glare

Glare can be simply defined as "unwanted light" although it is usual to divide it into categories:

Discomfort glare — this may be caused by a bright light source within the field of vision. This may cause discomfort although it does not necessarily impair the ability to see detail.

Disability glare — this is where the reflection from the surface, or the dazzle from an alternative light source, impairs the ability to see detail.

Glare can be a problem in different situations. People with cataract (any opacity of the crystalline lens) may experience difficulty in bright light due to scatter. An analogous situation arises for drivers who would pull down the car blind to alleviate light scatter from a dirty windscreen. The elegant solution to the former problem is to don a hat with a large brim!

Continued on p692

Now the British Standard has been revised, manufacturers or suppliers of sunglasses are required to show by means of labelling or POS material: the number and year of the standard, BS 2724:1987; the manufacturers or suppliers identity; recommended use and transmittance levels (which are indicated by shade number and show the amount of light which can filter through the lens); classification of refractive quality (assuring the lens is properly cut and fitted); mechanical strength; warning that sunglare filters are not intended to be used to view the sun directly, and, where appropriate, warnings related to use. The tables below, provided by John Bowl of Shades International, summarise this information.

Classification	Usage
Refraction class 1	Equivalent to prescription lens quality — BS 2738 and recommended for continuous daytime wearing.
Refraction class 2	Suitable for intermittent wearing.
Break resistant sunglasses	Suitable for normal wearing conditions where mechanical abuse is possible but not excessive. For example driving, cycling, walking, camping or boating.
Robust sunglasses	Suitable for normal wearing conditions where mechanical abuse is possible and likely to be severe. For example soft ball sports or climbing.
Impact resistant sunglasses	Recommended for more severe mechanical abuse hazards. For example hard ball sports or sports in which balls travel at speeds in excess of 10 m/s.

N.B. The examples given do not attempt to cover all possible uses.

Classification	Use	Transmittance Values (%)	Shade no.
Cosmetic spectacles	Lightly tinted spectacles not intended to give significant protection against sunglare worn largely for their fashion properties.	100 to 80	1.1
		80 to 58.1	1.4
		58.1 to 43.2	1.7
		43.2 to 29.1	2.0
General purpose sunglasses	Sunglasses intended to reduce sunglare in bright circumstances including the driving of motor vehicles in daylight.	29.1 to 17.8	2.5
		17.8 to 8.0	3.1
Special purpose sunglasses	Sunglasses intended to reduce sunglare in abnormal conditions or for persons who as a result of medical treatment or otherwise may be abnormally sensitive to glare.	17.8 to 8.0	3.1
N.B. Non photochromic sunglasses having a shade no. of 4.1 are not considered suitable for use when driving motor vehicles.	Environmental examples include large expanses of water or snow and mountain altitudes.	8.0 to 3.0	4.1

NEW RAPIDE SPRINT. 3 TIMES

JUST WATCH THEM GO.



FASTER THAN ANY OTHER LENS.

New Rapide Sprint is the fastest-reacting photochromic sunglass lens ever.

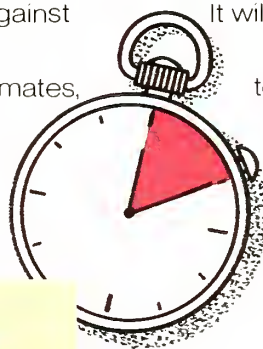
A cool 0-70% tint in an incredible 10 seconds, with unequalled protection against ultra-violet light.

They perform perfectly in hot climates, and even inside a car reach up to an astonishing 75% tint.

Together with the standard Rapide range we're set to put all rivals in the shade. So get ready for Sprint launch day.

It will pay you to be quick off the mark.

To find out more, get in touch with Chance Pilkington Ltd, Glascoed Rd, St. Asaph, Clwyd, Wales LL17 0LL. Tel. St. Asaph (0745) 583301 Telex 61291.



PILKINGTON



Which all means that when our heavyweight advertising campaign breaks in Spring '88, you can look forward to a fast reaction from your customers.

We'll be reaching them through carefully selected publications including The Sunday Times, Observer, Cosmopolitan and You.

And with Rapide's premium price positioning you can also look forward to added profit opportunities.

RAPIDE
Sprint

0-70% IN 10 SECONDS.
MORE PROFIT IN NO TIME.

Continued from p689

VDU users will need to eliminate glare by intelligent placement of the light sources or monitors, or to provide anti-glare screens. Tinted spectacles claiming to filter out IR and UV radiation and to reduce glare have recently been produced. However, there are no proven health hazards from the radiation a VDU emits. Adjustment of screen brightness and contrast and correct organisation of the ergonomics of the job setting are very important.

Finally a note on contact lens wearers. The use of very light neutral tints in contact lenses is often beneficial for lens location and also because the contact lens wearer may be slightly photophobic. However, it should be stressed that photophobia is common in the adaptive process to contact lens wear (less so in soft lens wearers) and that any person with marked and sustained photophobia should immediately consult his contact lens practitioner. A darker tint should not be prescribed in these cases.

I should like to acknowledge here the help and advice I have received in writing this article from Janet Silver M.Phil, FBCO, FBIM, principal optometrist in the visual assessment department at Moorfields Eye Hospital. Many thanks also to Carol Clark for clerical assistance.



Pilkington's Rapide Movers

A new fast reacting photochromic sunglass lens is being launched by Chance Pilkington who see it as a new generation of reactolite rapide lenses.

The new "Sprint" lens will feature in many ranges next year, they say, after an initial launch to frame manufacturers in the Spring. It offers, claims the company, 70 per cent absorbance level in ten seconds' as well as maximum UV protection — 99.5 per cent UV protection in extra dark grey, and 100 per cent with dark brown. And because they can be manufactured in 1.9mm or 1.7mm thickness consumers have the option of lighter weight lenses.

Other advantages, says the company, are its sensitivity to low light levels so it will stay dark even in 50 per cent reduced light — a fact of interest to motorists. And its improved temperature sensitivity means enhanced performance in extreme temperatures particularly useful overseas.

At Autoglaze

Autoglaze say they have widened their range of sunglasses and clip-ons for 1988. Like others they are utilising the new Reactolite Rapide Sprint, which is available in dark grey or brown. And they will continue to offer the colour finishes as well as the gold, silver and black frames.

Fashion first for Samco

Fabris Lane claim they have achieved brand leadership with 23 per cent of the sunglass market with their Samco by Mazzucchelli range by first becoming fashion leaders — offering 75 per cent new styles each year — and then by backing them with high-tech quality.

"People look for fashion first. Then they want to know it's a good quality product," says managing director Rod Lane. "So we highlight our styles at POS and then offer the reassurance of the quality on the label."

"Every lens we use protects against harmful rays," he says. "All our glasses fall into or above the general purpose category — none are designed purely for fashion — and in optical quality all fall into refraction class 1 — that's the prescription category."

Mr Lane believes manufacturers should be delighted at the new British Standard, which, he says, can only have a good effect on the market.

"And if it increases sales of sunglasses at all by all the media hype that will surround it, it will be sales through chemists" says Mr Lane. "I believe the chemist must sell a good quality product — otherwise he is missing out on a marvellous opportunity."

Distributed to pharmacies through Addis, the 200 product range for 1988 includes 75 per cent new styles, designed by Rod Lane and Mario Fabris. And this year it offers Pilkington's new Reactolite Rapide Sprint lens and a new polycarbonate lens

designed to be impact resistant and so ideal for sports.

POS material and the company's catalogue use past and present architecture: New York scenes superimposed on views of Rome, designed to highlight the product's fashion ("New York presents the eccentric nature of fashion") along with its heritage ("every pair of sunglasses is manufactured in Italy").

"Styles have moved on from brash colours to a desire for a quality and detailed look," says Mr Lane. "Next year's main colours of black and tortoiseshell are much more subtle and when colour is used it is used as details on these dark frames". The collection retails from £7.95-£19.50 (all coming with a free case) with the specialist range from £22.50, though they are currently only sold in department stores. And a range of rubber or leather safety cords are available blister packed at £1.95.

From Farrows

A 50 per cent increase in sales and expansion of worldwide availability marks Linda Farrow's move to larger premises for 1988.

The company, which claims leadership in young sunglasses fashion and classical frames, is offering 60 new styles for next season, 60 classical lines and 60 "best sellers" held over from this year, all retailing from £3.95-£19.95.



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Eyecatchers – the Shady story

"The future's so bright I've got to wear shades" was a chart pop chart hit this year — coincidentally but happily for John Bowlit who utilised the fact in promoting the 5th anniversary of Shades International.

Now in its own showroom in Leighton Buzzard with 16 members of staff, his business promises increased distribution to pharmacists, and is launching a new Eyecatchers range designed specifically for them.

The new range, retailing from £3.95-£6.95, "is well priced, modern, but not too trendy" and is aimed specifically at the chemist, who, says Mr Bowlit, takes 60 per cent of the market (that includes Boots). They come as part of the 1988 collection which includes 108 models, 47 of them new, and the total in 264 variations. Like others, next year he will be featuring the new Pilkington's Sprint lens. "Clip-ons can also be a good product for chemists, a product gaining strength all the time," says Mr Bowlit.

POS stands will carry the same design as this year, and backing their policy of selling through as well as to retailers, they are offering sales and lens information leaflets.

Styles for men include black and tortoiseshell frames, sports models and metal and leather look frames, says Mr Bowlit; while the ladies' collection will emphasise designer styles with a flat top 50's look in pastel colours. Shades will continue to offer their designer lines.

And to tie in with sunglasses for ski-ing,

the company is launching Shades of Winter — a combination of lip balm and sticks and sun protection cream.

As for the British Standard, Mr Bowlit believes it will only strengthen the position of good quality products. "We are satisfied we won't need to make any changes to meet the new Standard. Most manufacturers comply to it; this is really about the consumer becoming aware of it. So while the Standard

won't necessarily increase overall custom, it will increase custom for good quality products," he says.

"While in the main sunglasses are chosen for fashion first, eye protection second, people will now be looking at product benefits and so will be willing to pay more for proper eye protection," says Mr Bowlit. "It means the chemist can supply a real service in this area."

Under the Sunbrella...

Sunbrella from Jackel offers a larger selection in their £4.99 range for next year, after the 1987 season which the company claims saw sales double, backed by a completely new Photochange range.

At £4.99 lens types include impact resistant, gradient, mirror, flash mirror or polarising, in a selection of newly styled frames and colours. "Our aim is to be fashionable," says the company, "offering a product to suit every young image without sacrificing the quality or the low price."

The new Photochange range (£9.99), offers the benefits of more expensive photochromic lenses and change from light to dark in seconds, the company claims.

Available in coloured plastic frames, or gold silver or matt black metal, they come with their own pillar POS stand, free with 12 pairs. Stands as shown here, are available on the £4.99 range.





Protecting against pandas

Protection without panda eyes is a new service offered via the Tan Optic lens from Jay Group's Solar sunglass division.

The new lens has been developed by a Swiss company, Azoculus, using a moulded CR39 lens which they claim is UV transparent to allow tan around the eyes. It contains a central UV blocking zone which offers protection for the eye but is not visible in the lens.

Thirty different styles, including those shown above, will retail from £14.95 to £22.95, offering an update of frame colours with co-ordinating lenses to complement fabrics of the seasons. For Spring there is the New England look navy, silver grey and sahara all with a white trim, and white with navy trim. The Henley Colour Collection, all with gold and silver, comes in nautical blue, regatta white, tilla black and punting brown.

For the first part of the Summer, tortoiseshell dominates, complemented by the leather and camouflage look. Frames come in urchin, wave, rush and ecology colours, then for the later Summer months, frames will be available in pinks, mauves and peaches.

For Winter a new Solargenic range will be available, providing 100 per cent protection against UV rays, says the company. Red, navy, white and black frames, with tan optic and other lenses are designed for driving, ski-ing and casual wear.

A "cheap and cheerful" range of Solar Sunnies will add to Solar's collection. Bright coloured frames come with a free sunglass cord attached to the header board, all

retailing £4.95-£9.95. For the "trendy" market there is Strangers — a range of sunglasses with black and tortoiseshell frames (£24.95-£29.95). An individual POS unit made of wood with a sculptured head profile, is available.

And the company will continue to offer their Couture ranges of designer names (£22.50-£110). Floor and counter units are available, including acrylic tubes, upright on revolving bases.

Polaroid: Young Holding their own

The Crofton Optical Group, which this year joined 20th Century Visions at H. Young Holdings (see *C&D* August 22), are offering a Polaroid collection of 54 models in over 200 colour variations.

All are now carrying a "Seletagrade" tag and available mostly with seven layer polarising lenses, but also in acrylic CR39, photochromic or UV 100. This year they are divided into three categories.

Faces (£5.99-£18.99) targeted at 15-24 year olds; Classic (£5.99-£18.99) for 24-35 year olds and V.I.P aimed at 25 year olds and over (£16.99-£24.99).

New POS material to back these collections is designed to reflect their technical quality as well as style, and includes posters, window streamers, lens testers and showcards.

The Benetton range will be on offer again, and for the first time Givenchy will be included in the group's quality collection.

Grant-ed Good Looks

Backing their theme for 1988 of "Looking Good with Foster Grant" the company is renewing over 70 per cent of their Standard Collection styles, and backing their whole range with a promotional spend of £300,000.

The promotion, likely to use competitions and advertisements, aims to stress the safety element as well as fashion, a message enhanced in POS material and consumer leaflets.

"This material is not designed to scare the consumer but just underline the benefits of wearing sunglasses," says Wilma Sladen at Foster Grant. "We also run a consultant programme designed to help the pharmacist or his assistant to sell glasses. An information pack looks at the hazards as well as fashion to give hints on matching colours to clothes and complexion." It includes a sales incentive offer for the consultant in store.

Company sales in the hot Spring increased by over 60 per cent but levelled off in the wetter Summer months, though they still achieved an overall increase of 12

per cent, with a 5 per cent increase in distribution.

While this latter increase was mainly to fashion stores, Wilma Sladen says it did not seem to worsen the chemist's position who, she believes, are the chief outlet for specialist purchases and will benefit, if any retailers do, by the new British Standard. "We believe the chemist can help himself by being knowledgeable about lenses and the hazards of light."

The company's Standard Collection is aimed at 20-45 year olds and includes Stylers (£6.99-£8.99); Continentals (£9.99-£12.99) and Designers (£14.99-£18.99). And their Soho Collection, aimed at 15-25 year olds offers 12 styles majoring around the 1950's look (£7.99-£10.99). Black and tortoiseshell feature in both ranges, with Soho also offering red and beige and the "preppy" look, and Standard offering a selection of colours in plastic and metal frames as well as pearlised colour treatment.



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Loans from the business

For a number of reasons, a director a business may take a personal loan from the assets of a business, or a loan may be made to an employee.

A rate of interest may be charged — and often is, but at less than the market rate — or the loan may be granted on an interest free basis. However, the Inland Revenue does step in where such an arrangement exists.

If a loan is made to a director or to an employee earning over £8,500 per annum (including benefits and expenses payments) then any benefit from the loan is taxable. This benefit is assessed as the difference between the interest actually charged and the interest that would be payable if what is known as the "official rate" were collected on the loan.

At present, this official rate stands at 10½ per cent but will change up or down in line with general market rates. Thus if a loan were to be granted at a nil rate of interest, the benefit for tax purposes to the borrower would be 10½ per cent annual interest on the loan. Similarly if a cheap rate of interest, say, 5 per cent, were charged, the benefit would be calculated at 5½ per cent.

Exceptions are where the benefit calculated is less than £200 per annum or where the loan is made for housing purposes and does not exceed £30,000.

A taxpayer's charter

In the past, businessmen have complained about the way they are treated when dealing with their tax affairs by either Inland Revenue or Customs and Excise. Demands have been made in the most formal terms and queries raised in an accusatory way as if the taxpayer was in the wrong from the start.

However, the Departments have got together to produce a "Taxpayer's Charter".

Under the code, staff have been instructed to carry out their duties courteously, considerately and fairly. Businesses will be presumed to have dealt with their tax affairs honestly unless there is reason to believe otherwise.

Most importantly, both Inland Revenue and Customs and Excise will recognise the need to keep to the minimum costs incurred in complying with the tax laws.

There is a right to ask the Departments concerned to look again if the tax bill is thought to be wrong. The case will be reviewed by the head of the local office with which the business deals. The matter can be



taken up with the Inland Revenue Regional Controller or the Collector of Customs and Excise or with the headquarters of either Department, if there is still no satisfaction. Beyond this there is a right of appeal to independent tribunals.

Pay cuts in a financial crisis

One of the problems facing businesses which are suffering financial strain is how to reduce the pay bill.

If there are a considerable number of employees, redundancy is one answer. Some employers feel that a general cut in take home pay could help solve the problem. The question then arises — can an employer reduce pay and under what conditions?

An employer who puts this proposition to his staff and whose staff agrees to accept a reduction has legally put himself in the clear. Pay is part of a contract of employment and the terms can always be changed by mutual consent.

However, if an employee refuses to accept a pay cut, but the employer goes ahead, the employee can sue for loss of earnings for the whole period the reduced rate of pay was in force. Alternatively, the employer might dismiss the employee concerned, or the employee might resign from his employment. In either case the employee could go to a tribunal claiming unfair dismissal.

The employer would then have to show a fair reason for dismissal in order to escape paying compensation. He might do this by proving that a genuine redundancy situation had arisen or that he had a substantial financial reason for dismissing the individual concerned. He would also have to show he had acted reasonably.

If the employee leaves because his pay was cut, even though he resigned, he could show that he was "constructively dismissed", since by breaking his contract with the employer by cutting pay, the employer had in fact dismissed the employee.

Obligations to temporary staff

A business often finds it necessary to take on temporary staff because someone is off sick, or on maternity leave. What are the employer's obligations?

The main concern must be whether, when the employee's period of work comes to an end, there is any obligation under the unfair dismissal or redundancy laws.

However it is unlikely that a temporary employee will have carried out two years continuous employment, the minimum period necessary to qualify for a redundancy payment or unfair dismissal compensation.

The only exceptions are where a temporary member of staff has been sacked on grounds of race discrimination or because of membership of a trade union. Here, the two year limits do not apply and an employer could be taken to an industrial tribunal.

If the employer pays above the minimum for national insurance contributions, these must be paid by the employer, who could also be liable for statutory sick pay however short the period of employment. It is worth noting, however, that if a temp is taken on from an agency, it is the agency which is responsible for national insurance.

Pay deductions for charities

The scheme for employees to have deductions made from pay to be handed over to charities is now in force.

Under this scheme, employees who authorise deductions so that donations can be made, will get tax relief on the money involved up to a maximum of £120 per annum. The employee can choose the charity. However, to avoid an employer having to send money to various charities he can send one sum to a charity agency approved by Inland Revenue.

Inland Revenue local offices have a list of approved agencies which act as "clearing houses", distributing the gifts to the individual charities nominated by donors.

After receiving authorisation from an employee, tax relief will be given by the employer under the "net pay" arrangement already used for superannuation contributions, with the donations deducted from pay before calculating PAYE tax.

Employers have, of course, the charitable covenant arrangements still in force if they wish to make donations to local or national charities.

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Generic shake out

Questions about the quality of certain data used in licence applications for some generics resulted in drugs being taken off the market earlier this year. In another of their occasional series, Dr Robert Parfitt and his wife Judith report the drugs have been reinstated following Ministry investigations

At the end of July the Australian "Review of drug evaluation procedures" was released for public scrutiny. The review was commissioned by the Federal Minister of Health following suspicions regarding the validity of bioavailability data from a consulting company Gestalt Laboratories, on some generic preparations submitted to the Australian equivalent of the Committee on Safety of Medicines (ADEC) (C&D March 21).

Although the report agreed that Australian drug evaluation procedures had served the country well over the years, the system have been under stress for some time. A large backlog of drug dossiers supporting applications for marketing approvals, clinical trials and product variations had built up. Companies were voicing concern about the time their applications were taking to process. This is understandable, but look at the situation from the point of view of the evaluators; the public and the Press are unforgiving if products with unforeseeable defects reach the pharmacists' shelves.

Criticism was levelled at the management of our drug evaluation procedures and its lack of integration with the inspection of manufacturers premises and analytical testing. Recommendations cover improvements to the management structure, speeding the passage of applications through the system, improved dialogue with the industry, and cutting the backlog, while at the same time ensuring the

highest quality of scientific and medical scrutiny.

Hidden in the text is the recommendation that all "grandfather clausured" over the counter medicines should be reviewed, for safety, efficacy and quality, a move that could cut the number of proprietary products on the market.

No impropriety was revealed on the part of either the generics companies or public servants, and generics earlier taken off the market have now been reinstated by the Health Minister.

Now that the dust has settled and drug evaluation management has been shaken up, the Department of Health has to restore confidence in perceptions of the quality of our medicines.

Pain in the head

Australians love travelling, but fear some of its consequences. To combat every known ill many carry a veritable dispensary, and among the remedies there is invariably a codeine preparation.

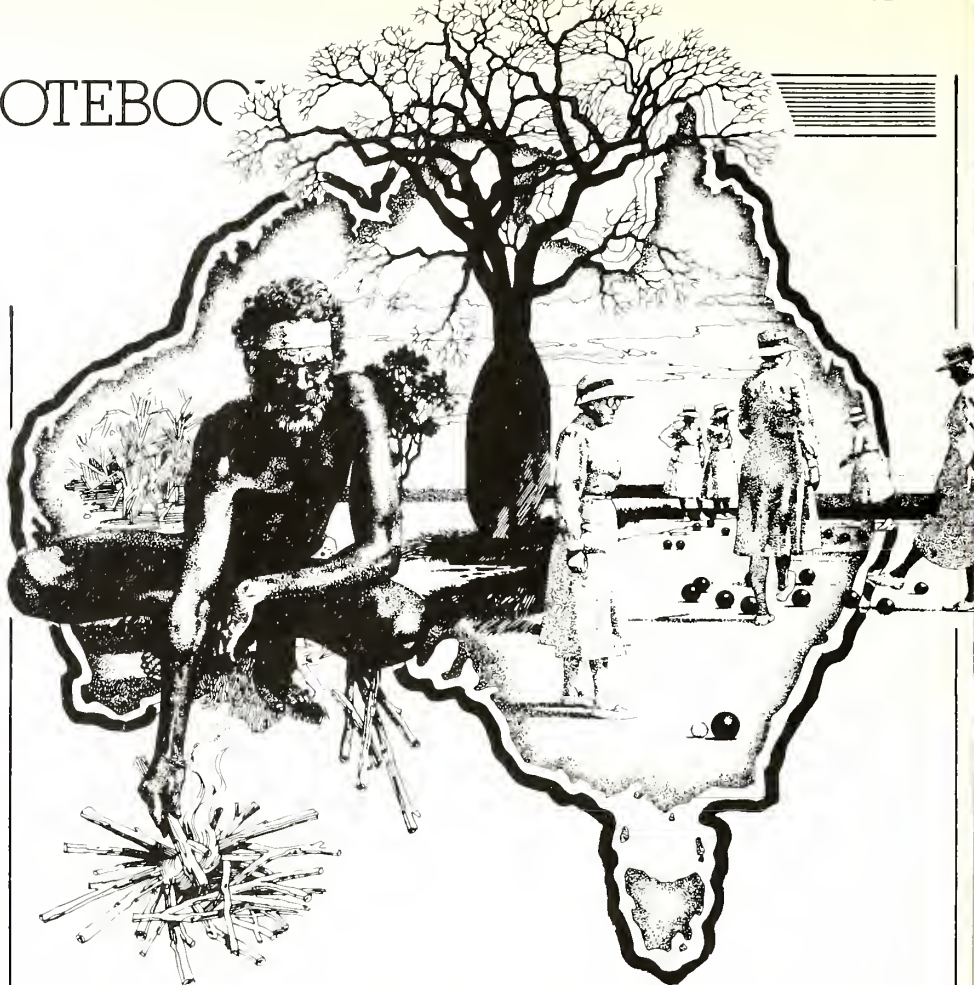
Just a few weeks ago an unfortunate woman was caught by customs at Athens airport with 15 "cold" tablets, at a guess about 100 mg of codeine phosphate. In Greece, codeine phosphate is a prohibited

drug. But the situation with medicines containing narcotic substances intended for personal use has now been clarified by the Greek Ministry of Health.

Similar laws apply in some Australian states but only for non-compound preparations. It has become clear that in Australia and New Zealand heroin addicts are converting prescription codeine into morphine or heroin by a process known on the street as "homebake". The Department of Health in Victoria has just warned the medical profession of this possibility and suggested that more care is taken in prescribing codeine.

Far more serious is the case of Australians Lorraine Cohen and her son Aaron, sentenced recently in Malaysia for heroin trafficking and carrying respectively. The death sentence on Lorraine Cohen follows just a year after two Australians were hanged in Malaysia for the same offence. Like many countries in South East Asia, Malaysia is deadly serious in its bid to stop the illicit narcotics trade.

Dr Robert Parfitt is deputy vice-chancellor (research) at the University of Western Australia and Judith Parfitt is a hospital pharmacist.



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WITH MALATHION 0.5% w/v
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Easy to use

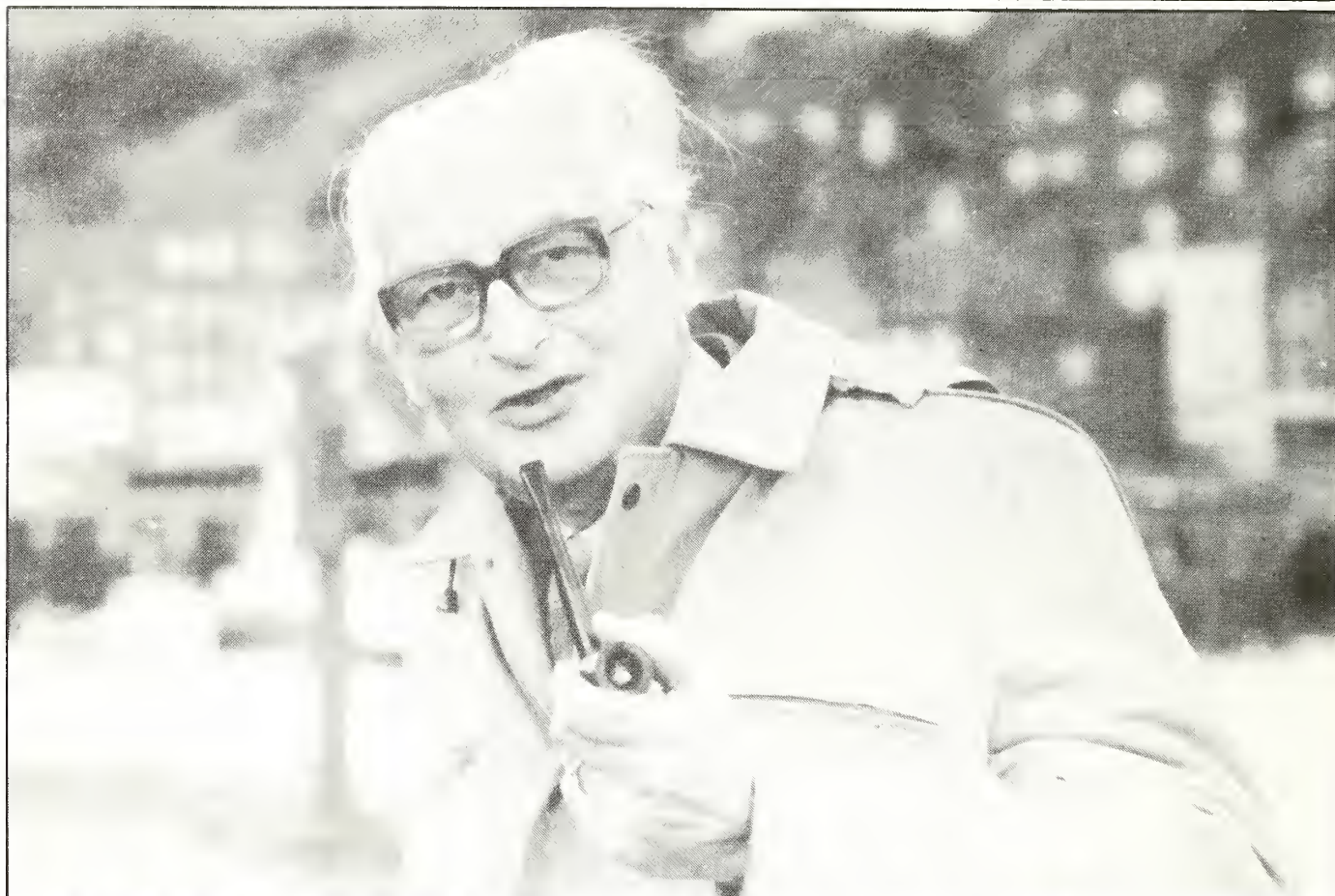
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MY WIFE DOESN'T UNDERSTAND ME

We've had the dining room re-decorated and I had to polish the bits and pieces on the mantelpiece, including a set of brass beam scales and weights which, to my wife, are a memento worth displaying and, to me, are a reminder of polishing days as an apprentice.

Idly rubbing the 8oz weight I looked at the impressed stamp underneath. The last date on it is 1952 — the year we closed our second pharmacy and when those scales became redundant, and we were no longer notified that the Weights and Measures Department would be holding a seance at the town station and would we kindly take our weights to be verified. The odd thing is I cannot recollect the weights and measures man ever checking our dispensing scales. Mind you, there had been a long gap from about 1926 to 1938 when National Health prescriptions were not accepted.

1926 was the time of the great 'flu epidemic when prescriptions came in in shoals and my father duly dispensed them, only to find when payday came, that the NHI fund had been overspent, the Government would not give anything extra and all

payments to pharmacies were discounted by some 20 per cent. That did it — we took private scripts only until around 1938 when I was about to start my apprenticeship.

My apprenticeship was, to me, somewhat unique. The first couple of years were fairly normal, except that the war was looming and some time was spent learning what we might need to do in case it came. By the middle of 1939 our cellar was designated as an air raid shelter — the premises had originally been used by a baker and the cast iron ovens in the basement looked strong enough to hold up the four storeys above. We never actually used it and if anything had dropped very near, we would probably have drowned as the harbour was just across the road.

The only profit I made out of war preparations was five shillings from *Retail Chemist* for a photograph of our shop front. It was recommended that brown paper strips be stuck on the glass to prevent it splintering and I made an artistic effort with the gap in the centre in the shape of a box camera. Remember those? The ones that could either be a 120 or a 620, 127 or 116 or maybe even

a 122 which produced postcard size contact prints from orthochromatic, non-curling film.

Our coastal town had an influx of soldiers to man the cliff top guns, along with their female counterparts. To meet their needs I invented a face powder sifting machine. We bought stearic acid and the other bits and pieces as well as a fish-steaming kettle to use as an oversized waterbath and fitted it with suppository moulds, large and small, to make lipstick. We produced cold cream and vanishing cream in gallon pots. And, of course, we made hair cream for the Air Force lads. It was a marvellous bonanza. The only snag was keeping records for the purchase tax inspector.

My first year of college was at Heriot Watt, Edinburgh, round the corner from Greyfriars Bobby and near the "Hole i' the Wall". Two or three all-night poker sessions each week were spent in the basement of a cinema on the Mount, where we acted as custodians of the city in case the Germans attacked. But the only alarm that I was ever

Chemist & Druggist 3 October 1987



Charles Tindale's (the author's father) first photographic studio in Flowergate, Whitby, 1918.

involved in was when walking back to my digs on the corner of Torphichen Street and West Maitland Street at dawn the lining of my raincoat went up in flames due to an unextinguished pipe of tobacco!

I wonder if Frank Crump, MPS — from Deal, I think — remembers Miss Hamilton's digs with porridge, homemade tattie soup and haggis, bed, breakfast and evening meal, plus all-in on Saturday and Sunday for 30 shillings (£1.50) a week? He had the luxury of a single room, so he might have had to pay half a crown more. I shared a double bed with a (male) art student from Wick; what with his braw Scots accent and Frank's deep south, there were some misunderstood conversations.

For reasons I cannot remember, I moved to Humphreys Jones' School of Pharmacy at Liverpool for Part II of my studies. I must have been mad if that move was anything other than thrust upon me because it was the tail end of the Blitz. The digs were in Mulgrave Street, off Upper Parliament Street — familiar names in the recent riots.

Entertainment was to be had at the Rialto Ballroom on the corner, with a very mixed congregation.

Humphreys Jones' Academy was much different in atmosphere and dedication to Edinburgh, probably due to that Welshman's sheer exuberance and personality. His flowing locks, à la Lloyd George, could have earned him a fee as a model at the art college across the road.

I wonder how many survivors there are of the pharmaceutical chemistry paper which

we sat in a hall in the centre of Liverpool? I was not well-pleased with the questions: I had just about put my all into four I was sure about, and was worrying as to which four others I could flannel through when the lights went out.

The invigilator gave stern warnings about talking, time went on — and on and on. After about an hour there was a whispered conversation at the door between our man and another, then an announcement that, as more than half the allotted time had passed, we could continue or be marked on what we had done! Those few peculiar souls who stayed must have done their worst questions first, but the stampede of the rest of us told its own story.

Revenge at York Place

Fate had its revenge: back to York Place, Edinburgh, for the practicals and all seemed to go well. Dispensing included making *ferri et ammon cit* and much to my relief there was a reasonable amount of crystals for inspection. There was a mixture to make which was wrapped with *secundum artem* and a neat amount of sealing wax at the top of the fluting round the cork. And there was an ointment to make and some suppositories.

It was well impressed on me from earliest apprentice days that you finish one job and label it before moving on; imagine my disbelief when I was told I had failed because I had switched the labels on the ointment and pills! To this day I don't believe it; I did protest gently — but to no avail. I had no witness, but neither had the examiner. I've

had a mistrust of authority ever since. It has always seemed odd that for the Society to prosecute in Scotland the inspector's word is never taken without substantiation — he must have a witness — yet the York Place hierarchy not only failed me but put my future in jeopardy, because failure at that time meant instant call-up for the forces. Mine duly arrived but my explanation to the powers-that-be must have been believed, for I was given three months to re-take the exam — and I passed.

And so into the Air Force — not, of course, as a pharmacist, but as a clerk of general duties! The move into what I had trained for came a couple of years later with 55 Mobile Field Hospital, which seemed to spend far more time moving than it ever did receiving patients! My main memory is of making gallons of *lotio benzyl benzoate* for scabies, which while being issued to the lads was undoubtedly much used by the locals in Belgium and Holland. A blind eye was turned to that because, like the large issues of Durex, it was deemed necessary to prevent further casualties among our troops.

As one gets close to retirement reminiscing may be permissible — but not for too long. Looking back to apprenticeship and student days, wasn't most of it a complete waste of time? No sooner were we certificated as chemists and druggists than the sulphonamides and penicillin put pay to most of the *Materia Medica*. The "pink string and sealing wax" era with the gas jet in the dispensary went so quickly that it is part of history. And soon we will be, too.

The rural dilemma

Xrayser is quite right when he says: "Since I am proud of my profession and anxious to see it achieve full recognition, I don't care to see myself cast in the role of reactionary old stick-in-the-dispensary, particularly if by arguing too publicly I damage our advancement" (*C&D*, September 26).

All rural pharmacists find themselves very uncomfortably situated on the horns of a difficult dilemma. We must do nothing as a profession which would indicate to the Government, the public, and particularly dispensing doctors, that we believe a pharmaceutical service can be provided by unsupervised pharmacy technicians, let alone doctors' dispensing assistants.

One major stumbling block is the confusion which exists in the minds of rural patients, who equate the doctor's dispensary with a pharmacy. And, of course, why shouldn't they? The doctor's dispensary, financially subsidised, is often as bright and roomy as befits big business, and the staff are white coated, as are pharmacy technicians and possibly the pharmacist. Add to this the public's preference for one stop shopping and the rural pharmacy, which may be only a few yards away, is on a hiding to nothing.

There is, of course, an increasing number of patients who do realise the difference. I have had people whose concern overcame their embarrassment, and who have come in with a query on the medication they had received from the surgery. They did not realise that they had the option to bring their scripts in as well!

Council's document on Nuffield seems reasonable enough at first reading, but could well cause even more confusion to the public if implemented as it stands, and it will be the rural pharmacist as usual who comes off worst.

Certainly we must use Nuffield and the Green Paper to our best advantage. Certainly we must heed the words of Sir Kenneth Clucas at the British Pharmaceutical Conference, and Mrs Edwina Currie at Chemex.

Our president, Bernard Silverman, put in a great deal of hard work together with his colleagues on the Nuffield Inquiry. It is only understandable that he is anxious for the profession to accept its report, but with his wealth of experience, I would think it unlikely that he would try to lead the profession down the wrong path. We must make haste slowly.

In conclusion I would put forward the following proposal for consideration by the branches and by Council. We accept Nuffield and the Green Paper, but see

certain difficulties which need further discussion before their implementation can be undertaken. Therefore working parties should be set up, one for each arm of the profession, the one for community pharmacy being charged with providing the solution to the question of how best to utilise the community pharmacist. Is it naive to hope that such working parties would receive Government support at least by way of a DHSS member?
Squirrel Nutkin

Support the Nuffield debate

Having had similar experiences in the past, we fully sympathise with the sentiments expressed by Mr A. M. Tweedie (*C&D*, September 19, p574, and *PJ*, same week) following remarks in the *Pharmaceutical Journal*: "It is regrettable that the editorial of a professional scientific Journal should be so prejudiced against reasoned criticism of both itself and the establishment and at the same time misrepresent the written views of its members".

What has happened in the past is now water under the bridge. In the interest of professional unity it is now up to the establishment to listen to the membership.

The Nuffield Symposium, now being regionally organised, would only be useful if the membership is convinced that the establishment has the determination to act positively.

I would also urge the membership to attend such symposia.

Jayanti Patel

Secretary, British Pharmacists' Association

Lots of 'phyte'!

I was surprised to read the letter from B. Watts regarding his lack of success with the Arkocap phytotherapy range of capsules (*C&D*, September 12, p516). Our experience has been quite the reverse, and we have reordered three times across the range in the short time we have had our stand.

The key to good sales is the distribution of their free book, although I must say it is not always easy to tie up the actual product with the plants described within. I think natural remedies offer a chance for real expansion of our retail sales to counteract our steady losses in other retail areas.

So come on fellow pharmacists — take a good hard look at the growth markets and don't be afraid to have a go!

R.U. P. Powell

Bristol

Second chance for Lincs grads

A "back to pharmacy" scheme is being planned in Lincolnshire for graduates who would like to re-register with the Society and come back into pharmaceutical employment.

Lincs LPC secretary Noel Baumber announced at Sunday's LPC conference that David Libiszewski, the North Lincs district pharmaceutical officer, was planning the scheme in conjunction with the LPC.

"Professor Stevens at the BPC two weeks ago recognised the problems for female entrants to the profession and the need for special provisions for those returning to work after raising a family. We would like to respond to that challenge," said Mr Baumber.

He urged those at the meeting to search out suitable graduates from the community.

Vaccinate now!

Over 10 million people in the UK are at risk from potentially fatal complications of 'flu and should be vaccinated now, warns a national campaign launched by the Influenza Monitoring and Information Bureau.

The Bureau, which is funded by vaccine manufacturers, says health experts are now on the alert for signs of an epidemic. Influenza reaches epidemic proportions every 10 years or so and the last British epidemic occurred in the Winter of 1977/78.

The "at risk" groups include the elderly and those suffering from bronchitis, asthma, kidney and heart disease and diabetes. In America, a public education campaign via pharmacies and other retail outlets has increased the uptake of vaccine by around 3 million units. In the UK, 1 million people get vaccinated annually.

"Clinical Trial Protocol Notes" is a publication compiled by the Wessex Pharmaceutical Group in consultation with local doctors and pharmacists. The book is intended to be useful to all concerned in clinical trials and includes sections on trial design and supplies, subject selection and adverse events. Copies available (£4) from the *Wessex Medical School Trust, Room LF67, Southampton General Hospital, SO9 4XY.*

Pharmacy hits the video scene

Video Arts held their first "Pharmacist day" last week, during which they showed a selection of training films.

Although only four pharmacy groups were represented at the meeting in London, those attending were enthusiastic about the event and will consider using the videos as part of their training schemes.

Pharmacist Alan Rhodes, director, Gordon Davis (Chemists) Ltd, thought it was an "excellent" day. He and company secretary Bob Hargrave are currently evaluating all forms of training because the group has become large enough to warrant a formal scheme. At present they hold training evenings with refreshments sponsored by manufacturers. The response rate from staff is about 60 per cent and there are five or six meetings a year, depending on how often sponsors can be found. In addition, Mr Rhodes produces a weekly newsheet for all his branches.



Jane Haworth (Savory & Moore), Bob Hargrave and Alan Rhodes (Gordon Davis) at a workshop session.

One problem is gathering his staff in one place, as there are five branches in Leicestershire, three in Nottinghamshire and one in Lincolnshire. He has considered showing videos in one central location, then taking them out to branches.

Jitu Kanjee is a pharmacist manager with Ritechem Ltd, who have 15 branches in London, and have also decided it is time to look at formal training programmes. On the whole he was pleased with the videos he saw, though he thought some more relevant to pharmacies than others, and the company is considering hiring a selection.

Jane Haworth, personnel officer partially responsible for Savory and Moore's pharmacist branch managers and the 40 staff of John Bell and Croyden, London, found the day "very useful". She has used training films in the past and would do so again after what she saw at Video Arts. Savory and Moore already run



John Cleese and James Bolam get to grips in 'The Unorganised Manager'

formal training courses for managers.

Pharmacist Mike Swaddle, managing director, Park Chemists, Newcastle upon Tyne, had used training videos two years ago without achieving the results he wanted. His staff's main criticisms had been that the films bore no relation to life in a busy pharmacy. But he is now prepared to give videos a second chance. He employs over 140 staff who undergo one induction course in which they are trained by their superiors. Product information, sponsored by manufacturers is given regularly in the evenings.

The day was held in collaboration with the National Pharmaceutical Association who mailed the multiples. Despite the poor attendance, training officer Ailsa Benson said the NPA would repeat the event but plans have yet to be made.

Participants paid £15 each and videos shown covered how to deal with the public, understanding and meeting customers' needs, supervisory training, the discipline

interview, appraisal interview and counselling interview, how to organise yourself and others, promoting for profit and presenting the right image.

Video Arts have over 80 16mm films or video cassettes on training, available for purchase or hire on a two or seven day basis. Cost-cutting rental plans are available for those agreeing to rent several films a year (five titles for two days £470, seven days £615; 10 titles for two days £835, seven days £1,090). Booklets summarise the videos, and many titles are accompanied by seminar kits with a total training package including discussion leaders' guides. Nationwide preview facilities are available.

The company is holding 15th birthday celebrations this Autumn in London, Edinburgh, Wakefield, Solihull, Manchester and Bristol, at which five new releases will be previewed. Details from Video Arts, Dumbarton House, 68 Oxford Street, London W1N 9LA.

Rubbing noses with Eskimos...

It is becoming fashionable to eat like an Eskimo, notes this week's *Lancet*. The lower incidence of coronary disease among the Inuit appears to be the result of a diet rich in fish oils.

Eicosapentanoic acid, an omega-3 polyunsaturated fatty acid found in fish oil, is also of therapeutic interest because of its role in inflammatory pathways. Adverse publicity surrounding the drugs used to treat rheumatic arthritis and growing consumer enthusiasm for alternative medicine have increased interest in dietary manipulation as a form of therapy, says the *Lancet*.

A recent study has attempted to show the effects of adding a high fish oil supplement (15 Maxepa capsules a day) to an unchanged diet. The effects of

background diet were minimised by crossing over the patients between fish oil and placebo after 14 weeks while leaving all other therapy unchanged.

A statistically significant improvement was seen in fatigue time and number of tender joints during the treatment period compared with the control period, but not in other clinical or laboratory measurements of disease activity.

The response to the use of fish oils is more dramatic in biochemical than therapeutic terms; most rheumatologists would expect to achieve better relief of symptoms with NSAIDs, says the *Lancet*. "Nevertheless, provided the therapy was harmless there might be some merit in recommending dietary modification, particularly to those patients who need to feel that they are doing something to help themselves."

However, the *Lancet* warns that fish oils have effects on other metabolic pathways and dietary modification is not invariably good.

AAH sue solicitors for share slip-up

AAH are suing their solicitors, Oppenheimer, for failing to clear an executive share option scheme, launched two years ago, with the Inland Revenue.

Failure to clear the scheme means that the executives are liable for tax on gains they may make through shares issued under the scheme.

In a statement, Oppenheimer say that the article about the claim which appeared in the national Press this week gives only one side of the story and is based on allegations in the statement of claim.

"As the matter is the subject of a claim, the firm (Oppenheimer) is not prepared to comment on the article other than to say that the problem arose at a time when, unknown to the firm, the senior employee dealing with the matter was ill. Oppenheimer's statement continues. "The

firm greatly regrets the combination of circumstances which gave rise to the problem."

AAH chairman Mr Bill Pybus, who is also a senior partner at Oppenheimer, was not available for comment.

Bill Revell, AAH pharmaceutical director, told *C&D* that the Press were making a "mountain out of a molehill". The claim had been made to get things moving and was normal procedure, he said. An extraordinary general meeting has been called for next week to agree the basis of compensation for those affected by the failure to clear the share scheme. Meanwhile a subcommittee is looking into the matter.

Press speculation about whether or not Mr Pybus could continue as AAH chairman and partner in Oppenheimer "is a complete non-issue," said Mr Revell.

New clean up in pharmacies

Antec International are hoping to sell Virkon, a new anti-viral disinfectant, through pharmacies.

Virkon is active against all 17 virus families affecting animals and man, such as AIDS, hepatitis B, herpes, polio, influenza and enteroviruses. It is also used against bacteria, fungi, yeasts and moulds.

Developed by Ralph Auchinloss, a chemist and Antec's chairman, Virkon contains four main ingredients — a biodegradable surfactant, organic acids and catalysts which produce a low pH and selectively kill viruses without harming other cells, an oxidising agent and an inorganic buffer which maintains the acid pH. The chemical composition was devised following a detailed study of the structure and chemistry of viruses.

Supplied as a powder to be dissolved in water, Virkon is claimed to be non-toxic, non-irritant, non-corrosive and non-bleaching and is free from residue problems associated with organic disinfectants. It can be used as a solution to clean surfaces and sterilise instruments, it may be used as a spray to eliminate airborne infections and can be sprinkled as a powder on to spilled body fluids.

The disinfectant has been on sale to animal health outlets for about a year and

is being used in hospitals. The company is now hoping to extend distribution through chemist wholesalers and is offering the product under licence to other manufacturers who may wish to develop its potential pharmaceutical uses. *Antec International, Chilton Industrial Estate, Sudbury, Suffolk CO10 6XD.*



Staff in Leo Laboratories' Production Department in Princes Risborough have been working overtime to complete the largest order ever — nearly a quarter of a million paraffin gauze dressings bound for the Yemen Arab Republic. Worth £50,000 and weighing nearly five tons, the consignment of "Paratulle" dressings opens up a new market for the company

Industry increases R&D

Total R&D spending by pharmaceutical companies increased by 32 per cent at constant prices between 1982-4.

Most of the spending (80 per cent) was on new chemical entities rather than on "me toos", according to a survey carried out by the Centre for Medicines Research, an independent unit set up by the Association of the British Pharmaceutical Industry.

Expenditure by the 45 companies taking part in the survey reached £384 million in 1984 and the estimated total UK expenditure was £480 million. The division between research and development remained fairly constant over the three years, with about one-third being spent on research. In each year, more than 80 per cent of revenue expenditure was contributed by 12 of the companies.

The most popular areas for investment was cardiovascular system drugs, anti-infective agents and drugs acting on the central nervous system. The survey is published in *Pharmaceutical Medicine*.

Tune into health

To celebrate their Silver Jubilee, the Office of Health Economics has sponsored a schools competition to find a "Song For Health".

Over 400 entries have been received from secondary schools nationwide on themes ranging from smoking to drug abuse and from food additives to AIDS.

Seven regional finals have been set up for the Autumn with the grand final on November 30 at the Mermaid Theatre, London. Junior Health Minister, Edwina Currie, is to present the prizes, says the OHE. The winners will receive an Office of Health Economics Silver Jubilee trophy and £1,000.

Cruelty-free

Weleda UK have been presented with the Living without Cruelty Award.

It was given to them by Animal Aid who commented on the company's outstanding work in producing toiletries, beauty preparations and natural medicines without animal testing. This work includes research into alternative testing methods.

Boots develop stand alone mini-labs

Boots have opened two stand alone developing and printing shops based on minilab processing in what could become a national chain.

The two prototype stores, one in Epsom and one in Hove near Brighton, are being used as test beds. If successful more will be opened. The outlets also sell a range of films, albums, video tapes and compact and disc cameras.

A company spokesman told *C&D* that

Boots see a lot of opportunity for minilabs and that stand alone sites, if successful, will be based where there is not enough floor space in Boots branches.

Initial results from the photo shop in Epsom show that opening the minilab has not affected D&P business at the Boots branch nearby. With the help of this sort of venture Boots hope to increase their share of the £270m developing and printing market in Britain to 20 per cent, up from 14 per cent two years ago.

Smith & Nephew joint forces

Smith & Nephew are expanding their medical business with the purchase of two American companies, Donjoy and Sigma.

The £14m acquisition of Donjoy, who manufacture and distribute orthopaedic knee braces, marks S&N's increasing involvement in sports medicine. And they see the £5m purchase of Sigma, who manufacture and supply medical peristaltic pumps for patient care, as complementary to existing business.

CPP awards

The College of Pharmacy Practice is inviting applications for its three travel awards, to be received before the end of this month.

The awards, each offering £1,000, include the **Geistlich Chester Award**, open to hospital pharmacists, normally to support work already started; the **Glyn Jones Award**, open to community pharmacists to cover locum, material or travel costs needed to support a practical investigation into an aspect of community pharmacy; and the **Vestric Travel Award**, open to all pharmacists to pay for an overseas visit to allow a study, ideally already started at home, to form the basis of a report to be presented to the College next November.

Applicants can informally discuss the project with the College before submitting their application. Forms and further details are now available from the Administrator, College of Pharmacy Practice, 111 Lambeth Road, London.



Now Microscribe 2,000 for Vestric

Mr and Mrs Bashford (centre) being presented with the 2,000th Microscribe Link by John Newton (far right), Vestric area sales manager, and Alan Danson (far left), Vestric branch manager at Kingswinford, outside their Comberton Hill Pharmacy in Kidderminster.

New package for VAT

Changes in the VAT retail schemes, as proposed in last year's consultation paper "VAT: Small business review" have now been introduced.

The new package, which replaces all previous VAT retail scheme information, includes revised editions of "Choosing your retail scheme" and "How to work" pamphlets. Businesses affected have until the start of the first tax period after December 31 to adjust their accounting systems.

Glaxo put animal health sector up for sale

Glaxo Holdings are selling their animal health businesses to enable them to concentrate on the pharmaceuticals which involve a turnover of £1.5 billion.

The UK-based Glaxo Animal Health Ltd and their veterinary companies in Ireland, Italy and New Zealand, together with a turnover of £16m, are the subject of negotiations with a Chicago based animal products subsidiary. Animal health companies trading in South Africa and Zimbabwe are also to be sold, but not the veterinary businesses of associated companies in India and Nigeria. They are expecting an initial agreement by the end of the year.

New standard support

Manufacturers now have the chance to back their brand with the claim "a sample of this product has been passed by BSI Testing . . ."

It comes via a new testing service offered by the British Standard Institution, which says manufacturers' advertisements including "complies with British Standard No" are often unilateral claims and products may deviate from the standard. For a fee, this new service looks at particular aspects of the goods, reports on their success and so allows companies to reinforce their product claims with the words "a sample of this product has been passed by BSI testing as complying with the relevant British Standard Report No... referring to..." Manufacturers can obtain details from BSI Testing on 0442 230442.

Cuxson get Seton on their feet

Seton Healthcare will be selling and merchandising Cuxson Gerrard's products from Monday.

The agreement covers the sale into chemists of the Carnation footcare range, Slinky bandage, Belladonna plasters and Flatus filters, and will extend to new introductions in 1988.

New figures at Nielsen

In a major reorganization of its management, Nielsen Marketing Research has appointed two executives from AGB.

The market research company, the UK subsidiary of AC Nielsen, has appointed Philip Wasson, previously Attwoods' managing director, to a new development role; and Reg Collard, who was AGB's operations development manager, to trade marketing development manager.

Nick Freeman has been appointed financial director and Les Corless as planning manager. The appointments are said to reflect Nielsen's commitment to meet the growing needs of the retail trade.

Kodak Ltd: A number of appointments have been made in Kodak photofinishing systems division. Maggie Fowler recently became mini-lab representative covering Central London. She has been with Kodak for over five years.

Isabelle Burrows was recently appointed mini-lab representative for Northern England covering a territory from Newcastle to the Wash. Prior to joining the photofinishing systems division Isabelle was a customer support representative with the copy products division.

Douglas Kinloch joined the company in 1985 and is now technical sales representative in Scotland, covering both macro labs and mini-lab outlets.

Richard Hoffman, for the past six years has been a technical sales representative. He is now based in head office as a customer support specialist with responsibility for over-seeing the running of new mini-lab installations and maintaining after sales service support.

BFN Storefitters (Baxter Fell Northfleet Ltd): Bob Garton has been appointed sales director following the recent retirement of J.H. Whitnall from the post. He will be responsible for developing the sales of storefitting systems to multiples.

Waverley Pharmaceutical Ltd: John Sharp now acts as consultant to the company, having resigned as quality assurance and technical director.

Beaston Clark plc: Laurence Hill and David H. Probert have joined the Board as non-executive directors.

Ever Ready: Martin Burch has been appointed marketing director.

Lawson Mardon Group has set up a European Office at Hill Street near Berkeley Square in London, and will be closing down its Bristol Clifton Down UK headquarters. In addition, market development and public relations will have an office at Boyce's Building in Clifton, Bristol.

Lancaster Synthesis are investing £1m into an expansion of their Lancaster-based company which makes research chemicals and test compounds. This will involve a new building providing 20,000 extra square feet and an increased output of their current range of products.

Beatson Clark, the glass and plastic packaging business, have reported a 37 per cent increase in interim pre-tax profits, from £757,000 to £1.04m. However, in trying to reduce the Group's borrowings, the company is keeping with the same half year dividend of 3.3 pence per share.

ICI to sell Stauffer

ICI are selling the basic chemicals section of Stauffer Chemicals for £316m (\$522), so they can now concentrate on the expansion of the agrochemicals sector.

This follows the sale of the speciality chemicals business in August, the second disposal since ICI bought the company from Unilever in July for \$1692m, assuming \$233m debt. "It means that the key agrochemicals business will have been secured at a very satisfactory net cost," says ICI's finance director Alan Clements.

Remmedi, the Medical Products Division of Remploy, has been awarded a three year contract to supply surgical and orthopaedic appliances to West Midlands Regional Health Authority.

COMING EVENTS

CPP offer York Moors study

The College of Pharmacy Practice is organising a weekend course for its Birmingham Study Group, on October 31-November 1 in Harrogate.

The closing date for application is October 7, and details are available from Rosemary Mitchell, The College of Pharmacy Practice, 111 Lambeth Road, London SE1 7JL.

A study group for the Part II examination has now been formed in the Birmingham area and it will meet on October 7 at The General Hospital and October 12 at The Good Hope Hospital. Details are available from Alison Morley on 021-539 3611.

PSGB on biology

The Pharmaceutical Society is holding a joint symposium with the Institute of Biology, and The Royal Society of Chemistry for members of the Industrial Pharmacists Group, on "The Qualified Person".

It will take place on November 25 at The Pharmaceutical Society headquarters, 1 Lambeth High Street, London SE1 7JN. The cost is £25 to members of the above organisations and £40 to non-

members, including coffee, lunch and tea. The closing date for applications is November 2 and details are available from Anne Bennett, The Royal Society of Chemistry, 30 Russell Square, London WC1B 5DT.

Monday, October 5

East Metropolitan Branch, Pharmaceutical Society. 8pm, Churchill Room, Wanstead Library, Spratt Hall Road, Wanstead, E11. "The Nuffield Report — discussion on Council's provisional response with Mr A.D. Allen (PSGB Council) and Mr R.G. Worby (NPA and PSNC).

Hull Pharmacist's Association & Hull Branch, Pharmaceutical Society. 7.45pm, post-graduate centre, Hull Royal Infirmary, Anlaby Road, Hull. A Yorkshire region continuing education course, "What do you recommend for a cough".

Tuesday, October 6

Lanarkshire Branch, Pharmaceutical Society. 8pm, Old Mill Hotel, Motherwell. Chairman's reception.

The Royal Society of Medicine. "The explosion of computers in General Practice — a problem or opportunity?" 5.30pm, The Royal Society of Medicine, 1 Wimpole Street, London W1M 8AE. Free tickets available from Ms Francoise BanrandHerbert, Sections Office, RSM.

Advance information

British Technology Group. Techmart Conference, October 13-15, National Exhibition Centre, Birmingham. Details from Chris Glynn, Conference Secretariat, Exhibitions Division, National Exhibition Centre Ltd, Birmingham B40 1NT. Tel: 021-780 4171/4141.

Industrial Pharmacists Group. October 20, 1 Lambeth High Street, meeting on "Computer Systems — Are you in control?" Details from R.J. Lentle, tel: 01-735 9141.

Society of Pharmaceutical Medicine. October 26, Inaugural Meeting: "Pharmaceutical Medicine — Foundations and Future". From 9.45 at The Royal College of Physicians of London, Regents Park, London NW1.

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Obituary: PSNC's Peter Boardman

Peter Boardman, FPS, assistant secretary of the Pharmaceutical Services Negotiating Committee, died suddenly on Friday, September 25.

The funeral was held on October 2. The family have requested that anyone wishing to remember Peter should send a donation to The British Heart Foundation, 102 Gloucester Place, London W1H 4DH.

Peter Boardman first registered as a pharmacist in 1952 and joined the PSNC in 1978 after service in industry and community pharmacy. He was born on July 27, 1931.

Stephen Axon, PSNC secretary writes: It was with a deep sense of regret and sorrow that I learned of the death of a dear friend and colleague, Peter Boardman.

Peter was loved and respected by all his many friends and colleagues, and his happy and helpful disposition made him an ideal person to deal with the many queries from chemist contractors. Peter was the superintendent of the Central Checking Bureau in Southgate (recently renamed the National Prescription Research Centre) and I have had many testimonials regarding the efficient and helpful service that he and his staff give to contractors in general.

Peter's death is a great loss to all of the many people who had the privilege of knowing him and my heartfelt sympathies and condolences are extended to his wife, Glenis, and his two children, Nick and Jane. Peter's colleagues at the PSNC, the Committee members and all his pharmacist colleagues feel a deep sense of loss, both personally and professionally at the early demise of such a happy, charming and helpful colleague for whom nothing was too much trouble in his endeavours to be of service and assistance to all who came in his path. He was indeed a man of whom it could truly be said what that he lived respected and died regretted.

Allen Tweedie, chairman, PSNC public relations subcommittee, writes: "I write on this very sad occasion on behalf of my colleagues and the Region 1 Contractors Committee, to express our respect and gratitude for the substantial contribution made to the wellbeing of community pharmacy by Peter Boardman."

His sudden passing last week has come as a great shock and loss to us all. In addition to his responsibilities as assistant



secretary to PSNC, he was, of course, secretary to the public relations subcommittee, and in this office his diligence and unremitting hard work have ensured the effective co-ordination and administration of the many PR campaigns with which we have all been involved during the past five years. Much of the arrangement of national conferences and seminars has fallen squarely on his shoulders, and he cheerfully coped with it all.

In the region we have been indebted to him for his expert advice and information on prescription statistics and community data used in the local lobbying of MPs and consumer groups.

We all deeply mourn the departure of this dedicated professional gentleman, whose unique personality and contribution is quite irreplaceable. We offer our deepest sympathy to his wife, Glenis, and, like her, we will not forget.

NPA winners

Ten pharmacy students have been awarded a £50 prize by the National Pharmaceutical Association.

They ranged from a prize for the "Most improved student" (Miss S.J. Allen, Nottingham) to one for the student "making the most significant contribution to the life of a department" (Miss Helen Boardman, Heriot-Watt).

Other prize winners were: C.M. Thanki (Aston); C.J. Eaton (Bath); Catherine Mumford (Bradford); L. Bloor (Brighton); S.D. Faulkner (Leicester); Michelle Collins (Manchester); Stephen Morris (Portsmouth); Harriet Weatherly (Sunderland).

The following NPA candidates have been successful in the Society of Apothecaries examination: Deborah Bear, Helen Brake, Rebecca Cooling, Karen Hooker, Stella Horgan, Beverley Jones, Amanda Lawrence, Janet Nicholson, Cherry Payne, Nilesh Poppat, Jean Short, Jacqueline Teebay, Maureen Josh, Leslie Hermiston, Jaqueline Lonie and Louise Cameron.

May Maids in Japan

Pharmacist Janet Blyth is off to Japan next week to take part in a morris dancing parade.

Mrs Blyth, manageress of I.H. Bradshaw Ltd, Newbury, is one of nine dancers and a musician who form the Kintbury May Maids. They were asked by the Department of Trade and Industry to participate in the Midosuji Parade in Osaka on October 11. A British male morris dancing side and a clog dancing team will also be on the trip.

Mrs Blyth's team has raised £5,500 to cover costs and needs another £1,000. Janssen and Eli Lilly are among sponsors. Anyone interested in can contact Mrs Blyth on 0635-35033.



Awards from Schwarz

Schwarz Pharmaceuticals announced the winners of their Management award at the annual meeting of the Pharmaceutical Society last week.

For contributing the best article on hospital pharmacy management, entitled "In Praise of Inflexible Grading", Mr Stuart Anderson (third from left), director of pharmacy at London's St George's Hospital was awarded a travel bursary of £1,000. Dr Peter Shaw (left), district pharmaceutical officer at Gloucester Royal Hospital, received a £500 travel bursary as runner-up for his paper.

Former Health Minister Lord Ennals presented the prizes, and is pictured here second left with the winners and Schwarz's general manager Terry Hammett.

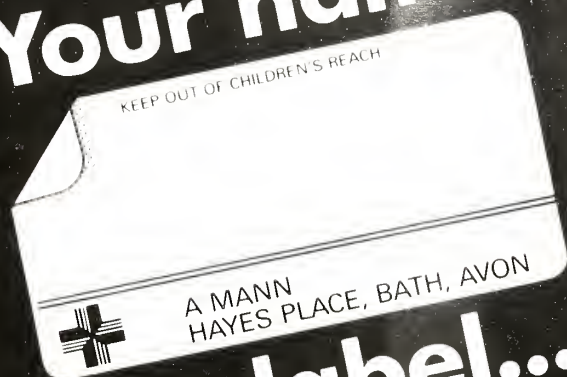
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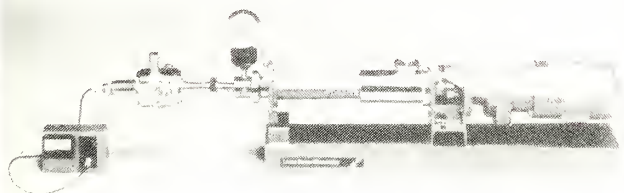
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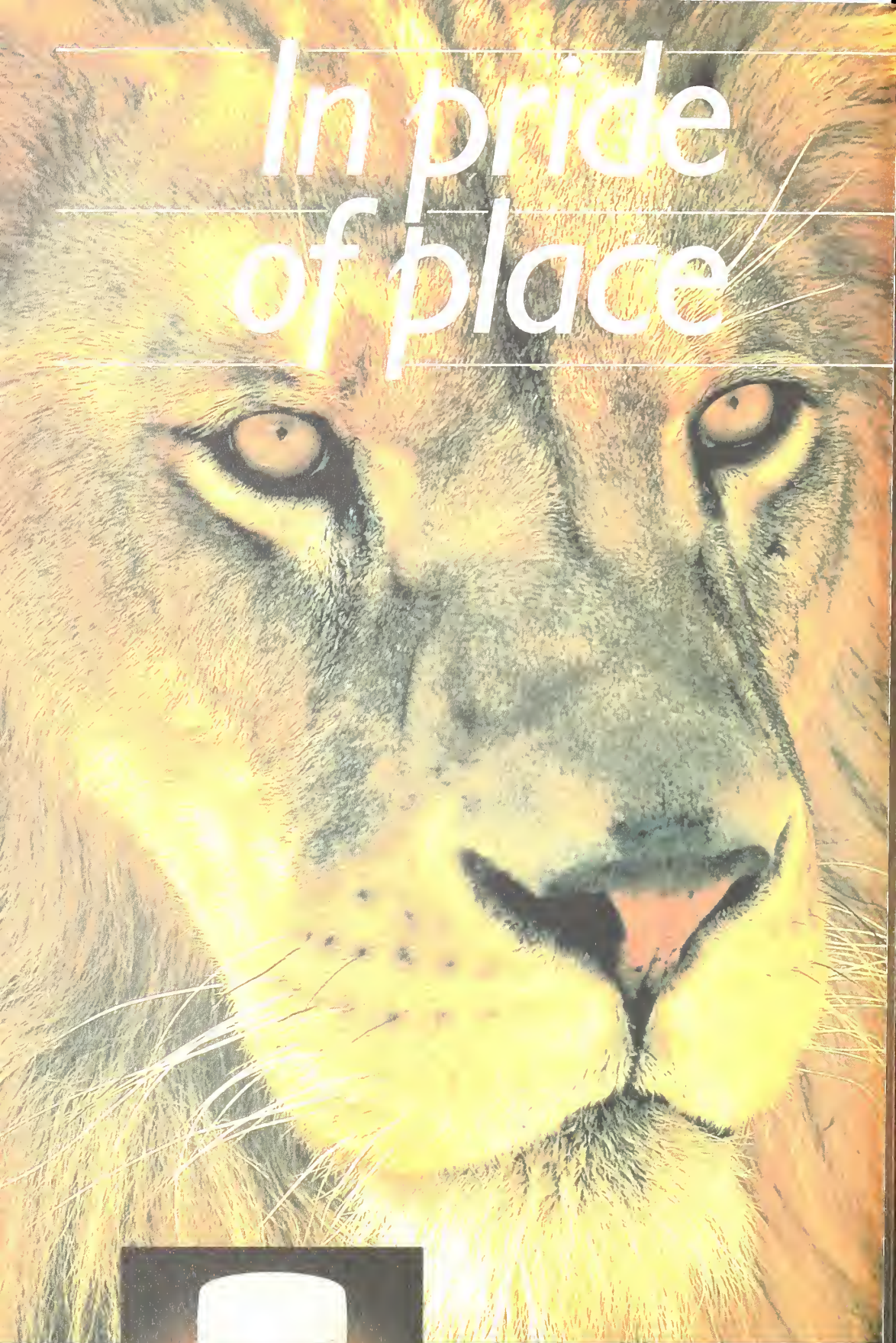
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GENERICS

This supplement to Chemist & Druggist Price List provides the reference source for Pharmaceutical Interface Products codes for all commonly available pack sizes of drugs and medicines normally ordered from suppliers as generics. Where appropriate it also records Drug Tariff (England and Wales) prices: these will be updated in the weekly Price List Supplement as and when changes are notified to C&D, by the Pharmaceutical Services Negotiating Committee.

Codes and prices are also included for the main dressings packs and for common Tariff appliances. The lists of available sizes have been compiled by the NPA's information department and are being regularly updated with their co-operation. C&D and NPA would be pleased to receive details of any packs not currently listed and for which codes are required.

The PIP code

History

The benefits arising from a common code for pharmacy products have long been recognised, and over the years various working parties have recommended the creation of such a code. In 1982 the National Pharmaceutical Association, in conjunction with Benn Publications (publishers of *Chemist & Druggist*), create the PIPcode — in which they now hold joint copyright. This move had the support of several major pharmaceutical wholesalers.

Definition

The PIPcode is a product identifying number which has been allocated to goods distributed through pharmacies. All types of products are included and every pack size and colour or other variation has its own unique PIPcode number. The codes are published alongside each product entry in the *Chemist & Druggist* monthly Price List and weekly supplements, ensuring that a readily accessible and up to date PIPcode reference is widely circulated.

A six-digit code was chosen for ease of keyboard entry — the last of these digits is a check digit (see p4) to minimise errors in recording. The PIPcode is maintained by the NPA on a central computer file which, in addition to the numeric code and description, has an increasing wealth of product data which can be accessed by licensed users.

Uses

The individual computer systems operated by manufacturers, wholesalers and retailers can be interfaced to recognise the PIPcode, which therefore provides a common language. This enables the retailer to retain a freedom of choice of supplier and makes it possible for all involved in the distribution chain to benefit from streamlining their communications and merchandise handling systems.

In the short term, the PIPcode is being used mainly as an interface between retailer and supplier for the purpose of placing and receiving orders. From there it is expected that within retail phar-

macy the PIPcode will become increasingly used for stock control and point-of-sale data capture. Some computer bureaux already handle PIPcode data for clients, and many pharmacy computers, prescription labellers etc, make use of the PIPcode facility.

Computer users who choose to adopt the PIPcode as the primary code for their systems can avoid the time and expense of maintaining their own data base. This is believed to be a considerable advantage to smaller businesses and pharmacies which have only limited clerical resources.

Developments

Several manufacturers are already using the PIPcode on their packaging and in their price lists, and more will follow their lead as the PIPcode becomes more widely established. Future developments of the PIPcode will be of particular interest to pharmacists.

It is also recognised that EAN product numbers will be increasingly used and the PIPcode has been designed with the flexibility to adapt to this development in due course.

The NPA believes that improved business and professional performances can be achieved by the judicious use of computer-generated information. The availability of a common code facilitated the introduction of computerised procedures into pharmacies and it is for this reason that the NPA has sponsored the introduction of the PIPcode and has arranged to act as Regulatory Authority for its administration.

Requests for further information on the code's use, details of data formats etc, and licence applications should be addressed to:

Mr Brian Dosser, FCA
PIP Code Administrator
National Pharmaceutical Association
Mallinson House
40-42 St Peter's Street
St Albans
Herts AL1 3NP

PIP Code principles

The Pharmaceutical Interface Product Code Regulatory Authority is the National Pharmaceutical Association, which takes advice from a technical panel representing retail and wholesale PIP Code users, plus Chemist & Druggist and Fairscan (jointly responsible for code allocation).

The Code is based on computer codes used to maintain the C&D Price Service but has been augmented to incorporate a number of product categories not considered appropriate for publication in the C&D monthly Price List (such as some watches, confectionery, stationery). The full PIP Code master file is held on NPA's behalf by Fairscan.

Code users may find the following points of policy helpful:

General

1. Manufacturer and distributor codes are published in Section 1 of the C&D Monthly Price List.
2. Codes in the range 60,000–64,999 have been reserved for users' own requirements, but some wholesalers have allocated part of the series to "service" items such as bags and bottles. Retailers should obtain details of such allocation from their usual suppliers before using this series as dump codes etc.
3. Discontinued items are deleted from the C&D Price List upon notification by the manufacturer but remain on the master file for a period of at least 18 months before their codes are used for another product. If a product is re-marketed by the same supplier within that period, every effort is made to use its former code.
4. Where there are minor adjustments to pack size the existing code is generally retained to help retailers monitor sales performance.
5. Both main and variant codes can be issued in advance of product launch with full security and confidentiality. The allocated numbers are reserved on the C&D and master file computers pending advice of launch. Manufacturers of ethicals are particularly asked to use this facility so that codes can be notified on their standard letter to wholesalers. Intercontinental Medical Statistics (IMS) and Chemist & Druggist have available a joint form (approved by ABPI and NAPD) for prior allocation of both SDA and PIP codes.

Variants

6. Products which have no variants (colour, flavour, etc) are identified by a separate "main" code for each pack size, representing singles wherever possible. This code appears immediately before the trade price column in the C&D Price Service.
7. Where products include variants the "main" code does not appear — instead there are individual codes in italic type beneath the entry. However, a "main" code is still used by the C&D and Fairscan computers and can be obtained by application to either party. (This code may be used as a retailer dump code for example, but will not be recognised by wholesalers for ordering purposes).
8. Where variants are added to an existing range the "main" code will normally be retained as the variant code for the original version. If this variant is subsequently discontinued its code will remain the "main" code but will no longer be published.

Special cases

9. PIP Codes for unbranded products are shown in the C&D Generics Supplement, published twice

yearly and distributed free to all C&D subscribers. This supplement also lists wholesalers accepting PIP code for ordering purposes.

Note: It is not possible to code generics and packed goods separately for the many alternative suppliers. However, the NPA ensures that a code is available for each pack size known to be marketed. Pack sizes other than those listed should be notified to the NPA Information Department, which will initiate code allocation. Branded generics (ie, where a prescription calling for the brand name alone is sufficient to identify absolutely the product required) are to be found in the C&D Monthly Price List.

10. Certain surgical/sundries groupings are not fully covered by PIP code. This applies particularly to products (eg ostomy and incontinence) where the multitude of size and type variations is great, and/or product developments are frequent, so that retailers are likely to rely on manufacturers' product



number or full description for ordering from a wholesaler. However, some of the more standard and frequently prescribed brands and generic items (eg many NHS appliances) are coded in the C&D Price List and the Generics Supplement.

11. Products normally restricted to hospitals are not coded unless frequent out-patient prescriptions are anticipated by the manufacturer.

12. Promotional, temporary and seasonal packs are not coded: retailers and wholesalers should use the 60,000–64,999 series.

Coding queries

Coding queries related to products published or to be published in the C&D Price List may be addressed to Colin Simpson, Price List Controller, Chemist & Druggist, Benn Publications, Benn House, Sovereign Way, Tonbridge, Kent TN9 1RW (telephone 0732 364422).

Queries relating to codes held on the master file may be addressed to Colin Bell, Fairscan Retail Computer Services, Emery Down, Lyndhurst, Hampshire SO4 9FH (telephone 042128 3077).

Matters of policy should be referred to Brian Dosser, PIP Code Administrator, National Pharmaceutical Association, Mallinson House, 40–42 St Peter's Street, St Albans, Herts AL1 3NP (telephone 0727 32161) from whom printouts of the master file in alphabetical or numerical order may be purchased.

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Check digit calculation

The check (sixth) digit of the PIPcode is arrived at by the following calculation:

1. Take each digit starting with units position then tens position and so forth and multiply by 2, 1, 2, 1, 2, etc.
2. Add up resultants of 1. (Add the digits not the products) ie. If resultant is two digits then add them together.
3. Subtract the figure at 2 from the next highest multiple of 10.
4. Answer is modulus 10 check digit. If no remainder then check digit is zero.

To check

1. Take each digit (including check digit) and multiply by 1, 2, 1, 2, 1, 2 (starting in *units* position).
2. Total resultants as before.
3. Answer should be an exact multiple of 10.

Example

$$\begin{array}{rcl}
 73589 & \text{(original number)} & \\
 \times 2 \times 1 \times 2 \times 1 \times 2 & \text{(multiplicands)} & \\
 = 14310818 & \text{(resultants)} & \\
 = 26 & \text{(sum of digits)} & \\
 & 1+4+3+1+0+8+1+8 & \\
 30-26 & \text{(subtract from next multiple of 10)} & \\
 = 4 & \text{(this result is the modulus 10 check digit)} &
 \end{array}$$

Check

$$\begin{array}{rcl}
 735894 & \text{(PIPCode number)} & \\
 143108184 & \text{(resultants)} & \\
 = 30 & \text{(sum of digits)} & \\
 = 0 & \text{(correct - exact multiple of 10)} &
 \end{array}$$

Technical panel

The PIP code technical / consultative panel, set-up by the National Pharmaceutical Association to advise it on code maintenance and development, is chaired by Mr Brian Dosser of NPA and has the following members: Colin Bell (representing Fairscan Retail Computer Services, who are responsible for variant code allocation and maintenance of the PIP code master file), Bill Jamieson (Vestric Ltd), John Forster (Hall Forster & Co Ltd), Sonia Pleydell (NPA information department), Ron Salmon (Publisher of Chemist & Druggist, responsible for issue of main product codes and their publication through C&D Price Service), Colin Simpson (C&D Price Service controller), Brian Hopkins (a retail pharmacist).

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PIP CODES FOR GENERICS

The following section gives Pharmaceutical Interfaced Product codes (PIP codes) for drugs and preparations, etc., which pharmacists order mainly as generics. All packed sizes known to be readily available have been coded, including packs listed in Part VIII of the Drug Tariff (England and Wales), for which the latest Tariff prices at the time of going to press are listed alongside each item name.

Cost	Qty	PIP Codes	Cost	Qty	PIP Codes
<i>pence</i>			<i>pence</i>		
		ACIDS			(500 ml) 772-715 Sulphuric Technical (500 ml) 772-707 (2 l) 772-699
205	500 ml	Acetic BP Dilute 6° (500 ml) 773-234			
120	500 ml	Acetic BP 33° (500 ml) 773-226 (2 l) 773-218	1346	500 g	Tannic BP (100 g) 772-681 (500 g) 772-673
182	500 ml	Acetic Glacial BP (500 ml) 773-200 (2 l) 773-192	260	500 g	Tartaric BP (50 g) 772-962 (500 g) 772-657 (2 kg) 772-632
390	500 g	Acetylsalicylic BP (500 g) 773-184	302	25 g	Trichloroacetic BP (25 g) 772-624
231	100 g	Ascorbic BP (20 g) 773-176 (25 g) 773-168 (100 g) 773-150 (250 g) 773-143			ALCOHOLS
		Ascorbic Acid (500 g) 548-719			Cetostearyl BP (500 g) 777-706
		Battery 5g (0.5 gal) 998-740	891	500 ml	Ethanol BP 90° (100 ml) 772-616 (500 ml) 772-590
121	100 g	Benzoic BP (100 g) 773-127 (500 g) 773-119	1507	500 ml	Ethanol BP 96° (100 ml) 772-582 (500 ml) 772-574
16	50 g	Boric BP Granular (50 g) 962-761 (100 g) 962-753 (500 g) 773-101 (2 kg) 773-085		100 ml	Ethanol BP 100° (100 ml) 772-566 (500 ml) 772-558
144	500 g	Boric BP Powder (50 g) 962-746 (100 g) 962-738 (500 g) 773-077		500 ml	Isopropyl BP (500 ml) 772-541 (2 l) 772-533
		Boric, Crystal Commercial (2 kg) 773-051			APPLIANCES
	500 g	Citric Monohydrate BP Granular (500 g) 773-044 (2 kg) 773-036	31		Absorbent Cotton BP (25 g) 739-219 (100 g) 739-201 (500 g) 739-193
296	500 g	Citric Monohydrate BP Powder (50 g) 773-028 (500 g) 773-010 (2 kg) 773-002	252		Absorbent Cotton, Hospital Quality (100 g) 739-185 (500 g) 739-177
201	500 ml	Hydrochloric BP (500 ml) 772-996	51		Cellulose Wadding BP (500 g) 738-674
	500 ml	Hydrochloric Commercial (500 ml) 772-970 (2 l) 595-199 (2.5 l) 772-962	165		BANDAGES
125	500 ml	Hydrochloric Dilute BP (500 ml) 772-954 (2 l) 772-947	139		Cotton Conforming Bandage BP (5 cm × 3.5 m) 739-169 (7.5 cm × 3.5 m) 739-151 (10 cm × 3.5 m) 739-144 (15 cm × 3.5 m) 739-136
485	500 ml	Lactic BP (250 ml) 772-921 (500 ml) 772-913	28/27		Cotton Crepe Bandage BP (7.5 cm) 739-128 (10 cm) 739-110
243	500 ml	Nitric BP (500 ml) 772-889	36/35		Crepe Bandage BP (5 cm) 739-102 (7.5 cm) 739-094 (10 cm) 739-086 (15 cm) 739-078
182	500 ml	Nitric Dilute BPC (500 ml) 772-863	44/43		Elastic Adhesive Bandage BP (5 cm) 739-060 (7.5 cm) 739-052 (10 cm) 739-045
		Oleic BP (500 ml) 772-855	59/58		Elastic Diachylon Bandage Ventilated BPC (7.5 cm × 4.5 m) 739-029
		Oxalic Commercial (250 g) 772-830 (500 g) 772-822	118		Elastic Web Bandage BP Blue Line (7.5 cm) 739-011 (10 cm) 739-003
		Phosphoric BP (500 ml) 772-814	152		Elastic Web Bandage with Foot Loop Blue Line (7.5 cm) 738-997
		Phosphoric Dilute BP (500 ml) 772-806	48		Elastic Web Bandage without Foot Loop Red Line (7.5 cm × 2.75 m) 738-989 (7.5 cm × 3.75 m) 738-971
397	500 g	Salicylic BP (100 g) 772-798 (500 g) 772-780	67		Flexible Adhesive Bandage Porous (7.5 cm) 738-963
220	500 g	Stearic BPC (500 g) 772-772	89		Heavy Cotton and Rubber Elastic Bandage BP (7.5 cm) 738-955
		Sulpho-salicylic (100 g) 772-764	127		Hydrocortisone and Silicone Bandage (7.5 cm × 2 m) 738-948
208	500 ml	Sulphuric BP (500 ml) 772-756	266		Nylon and Viscose Stretch Bandage (5 cm × 4 m) 738-930 (7.5 cm × 4 m) 738-922 (10 cm × 4 m) 738-914
152	500 ml	Sulphuric Dilute BP (500 ml) 772-731	26		
		Sulphuric SG 1.250 (Accumulator)	35		
			44		

Cost	Qty	PIP Codes	Cost	Qty	PIP Codes
<i>pence</i>			<i>pence</i>		
66		(15 cm × 4 m) 738-906	761		(25 m) 738-450
149		Open-Wave Bandage Type I BP			Absorbent Cotton and Viscose Ribbon
248		(2.5 cm × 5 m) 738-898			Gauze BP Sterile
350		(5 cm × 5 m) 738-880	37		(1.25 cm × 5 m) 738-443
451		(7.5 cm × 5 m) 738-872	40		(2.5 cm × 5 m) 738-435
		(10 cm × 5 m) 738-864			Chlorhexidine Acetate Gauze Sterile BP
		Plaster of Paris Bandage BP Gypsona	10		(5 cm × 5 cm) 738-427
61		(7.5 cm × 2.7 m) 738-856	20		(10 cm × 10 cm) 738-419
81		(10 cm × 2.7 m) 738-849			Framycetin Sulphate Gauze Dressing Sterile BP
		Suspensory Bandage Cotton Type 1	18		(10 cm × 10 cm) 738-401
89		(Small) 738-831			Gauze and Capsicum Cotton Tissue BPC
89		(Medium) 738-823	63		(28 g) 738-369
89		(Large) 738-815	109		(56 g) 738-351
92		(Ex. Large) 738-807			Gauze and Cellulose Wadding Tissue BP
		Suspensory Bandage Cotton Type 2	169		(500 g) 738-344
72		(Small) 738-799			Gauze and Cotton Tissue BP
74		(Medium) 738-781	338		(500 g) 738-336
78		(Large) 734-988			Gauze and Cotton Tissue DT
80		(Ex. Large) 734-970	268		(500 g) 734-954
		Suspensory Bandage Cotton Type 3			Paraffin Gauze Dressing BP Sterile
84		(Small) 738-773	14		(10 cm × 10 cm) 738-393
88		(Medium) 738-765	100		(10 cm × 10 cm 10's) 738-385
92		(Large) 738-757			Sodium Fusidate Gauze Dressing Sterile
95		(Ex. Large) 738-740	21		(10 cm × 10 cm) 738-377
		Triangular Calico Bandage BP			HYPODERMIC NEEDLES & SYRINGES
61		(90 cm × 127 cm) 738-732			Click Count U100
81/131		Zinc Paste Bandage BP	1057		Insulin Syringe
		(7.5 cm × 6 m) 738-724			(1 ml) 564-526
125		Zinc Paste and Coal Tar Bandage BP			Hypodermic needles 21 g
		(7.5 cm × 6 m) 738-716			(40 mm × 8 mm) 12 591-032
127		Zinc Paste and Ichthammol Bandage BP			Hypodermic needles 23 g
		(7.5 cm × 6 m) 738-708			(32 mm × 6 mm) 12 591-065
81		Zinc Paste, Calamine & Cloiquinol Bandage BP			Hypodermic needles 23 g
		(7.5 cm × 6 m) 805-317			(25 mm × 6 mm) 12 591-099
81		Zinc Paste and Calamine Bandage			Hypodermic needles 26 g
		(7.5 cm × 6 m) 738-682			(25 mm × 5 mm) 12 592-956
		DRESSINGS			Hypodermic needles 26 g
		Boil Dressings			(20 mm × 5 mm) 12 593-715
29		(3) 738-666			Hypodermic needles 26 g
		Latex Foam Adhesive			(13 mm × 5 mm) 12 593-749
1002		(22.5 cm × 45 cm × 7 mm) 738-245			Hypodermic Syringes Insulin Syringe
183		Multiple Pack Dressing	563		(1 ml) 738-310
293		(No. 1) 738-658	563		(2 ml) 738-302
		(No. 2) 738-641			Hypodermic Syringe Carrying Case
50		Perforated Film Absorbent Dressing sterile	175		(1) 738-252
102		(5 cm × 5 cm) × 10 738-633			Insulin Syringe U100
192		(10 cm × 10 cm) × 10 738-625	533		(0.5 ml) 564-559
		(20 cm × 20 cm) × 10 734-962	533		(1 ml) 564-542
		Semipermeable adhesive			Ordinary Purpose Syringe
65		film dressing	494		(1 ml) 738-278
		(10 cm × 10 cm) 564-567	494		(2 ml) 738-260
		(10 cm × 12 cm) 548-461			Pre-Set U100 Insulin Syringe
		(10.2 cm × 12.7 m) 567-719	880		(1 ml) 564-534
		Semipermeable Waterproof Plastic			Preset Insulin Syringe
139		Wound Dressing BP sterile	738		(1 ml) 738-294
		(8.5 cm × 6 cm) 738-617	738		(2 ml) 738-286
		Standard Dressings			LINTS
239		(No. 4 × 3 × 10) 738-591			Absorbent Lint BPC
31		(No. 16) 738-583	37		(25 g) 738-237
46		Sterile Dressing Pack	125		(100 g) 738-229
		(Specification 10) 738-575	540		(500 g) 738-211
40		Sterile Dressing Pack with Non-Woven Pads			Boric Lint BPC
		(Specification 35) 738-567	142		(100 g) 738-203
		Sterile Knitted Viscose Dressing			PLASTERS
120		type 1 N/A			Belladonna Adhesive Plaster BP
		(9.5 cm × 9.5 cm) 738-559	28		(19 cm × 12.5 cm) 738-054
		Droppers	57		(28 cm × 17.5 cm) 738-047
13		(1) 738-542			Salicylic acid adhesive plaster
9		Eye Baths			20% (7.5 cm × 4.5 cm) 956-649
		(1) 844-977			40% (7.5 cm × 4.5 cm) 956-672
		Eye Shades			PROTECTIVES
170		(10) 738-534			Arm Sleeve
24		Finger Cots	53		(20 cm × 30 cm) × 10's 737-965
		(10) 738-526	53		(20 cm × 60 cm) × 10's 737-957
75		Finger Stalls Polythene Disposable			E.M.A. Film Gloves Disposable
150		(25) 738-518	101		(Small 30's) 738-039
		(50) 738-500	297		(Small 100's) 738-021
		Finger Stalls Simulated Leather	101		(Medium 30's) 738-013
20		(Small) 943-134	297		(Medium 100's) 738-005
20		(Medium) 943-126	101		(Large 30's) 737-999
20		(Large) 943-118	297		(Large 100's) 737-981
20		(Ex. Large) 943-092			Foot Bag
		GAUZES	53		(32.5 cm × 50 cm) × 10's 737-940
		Absorbent Cotton Gauze Type 13			Leg Sleeve
54		Light BP Sterile	53		(25 cm × 45 cm) × 10's 734-947
109		(90 cm × 1 m) 738-492	53		(32.5 cm × 45 cm) × 10's 734-939
165		(90 cm × 3 m) 738-484			(32.5 cm × 75 cm) × 10's 734-921
319		(90 cm × 5 m) 738-476			Polythene Occlusive Dressings Disposable
		(90 cm × 10 m) 738-468			Gloves
		Absorbent Cotton Gauze Type 13	100		(25) 737-973
		Light BP not sterilised			Shorts

Cost	Qty	PIP Codes
<i>pence</i>		
140		(Medium) × 10 737 932
140		(Large) × 10 737 924
		Torso Vest
145		(60 cm × 60 cm) × 10 737 916
		Trousers
270		(Large) × 10 737 882
		Rectal Dilators D.T. Size A
		(small) 956 656
		(medium) 956 631
		(large) 956 813
		Rectal Dilators D.T. Size B
		(small) 567 867
		(medium) 567 875
		(large) 567 859
		SURGICAL ADHESIVE TAPES
		Elastic Surgical Adhesive Tape BP
35		(2.5 cm × 1.5 m) 737 841
70		(2.5 cm × 4.5 m) 737 833
		(5 cm × 4.5 m) 567 842
		Impermeable Plastic Surgical Adhesive Tape BP
47		(2.5 cm × 3 m) 737 825
71		(2.5 cm × 5 m) 737 817
191		(5 cm × 5 m) 737 809
131		(7.5 cm × 5 m) 737 791
		Impermeable Plastic Surgical Adhesive Tape BP
		(2.5 cm × 1 m) 957 282
78		(2.5 cm × 5 m) 737 775
148		(5 cm × 5 m) 737 767
		Permeable Woven Surgical Synthetic Adhesive Tape BP
68		(1.25 cm × 5 m) 737 759
89		(2.5 cm × 5 m) 737 742
158		(5 cm × 5 m) 737 734
		Permeable Non-Woven Surgical Synthetic Adhesive Tape BP
		(1.25 cm × 5 m) 957 076
		(2.5 cm × 5 m) 956 995
		(5 cm × 5 m) 957 001
		<div style="border: 1px solid black; padding: 5px; margin: 10px 0;">A single PIPcode can be used to order above products. The Branded products and codes appear in the Price List.</div>
		Zinc Oxide Surgical Adhesive Tape BP
13		(1.25 cm × 1 m) 737 635
26		(1.25 cm × 3 m) 737 627
37		(1.25 cm × 5 m) 737 619
18		(2.5 cm × 1 m) 737 601
39		(2.5 cm × 3 m) 737 593
53		(2.5 cm × 5 m) 737 585
91		(5 cm × 5 m) 737 577
127		(7.5 cm × 5 m) 737 569
		SWABS
		Filmated Gauze Swab BP
318		(10 cm square × 100) 737 536
		Filmated Non-Woven Fabric Swab
253		(10 cm square × 100) 737 510
		Gauze Swab Type 13 Light BP
309		(10 cm square × 100) 737 551
		Gauze Swab Type 13 Light BP Sterile
181		(7.5 cm square × 5 × 10) 737 544
		Non-Woven Fabric Swab
16		(7.5 cm square × 5) 530 345
211		(10 cm square × 100) 737 528
		SYRINGES
		Bladder/Irrigating
232		(100 ml) 737 502
		Ear
73		(60 ml) 737 494
		Enema Higgison's
352		(1) 737 486
		Spare Vaginal Pipes
61		(15 cm) 737 478
		Test Tubes
31		(12.5 cm × 15 mm × 10) 737 460
		TRUSSES
		Spring Truss
		Double-Inguinal Scrotal
2193		(1) 737 361
333		(back pad) 737 353
179		(Single) 737 346
360		(Double) 737 338
		Femoral
1296		(Single) 737 403
2006		(Double) 737 395
		Inguinal
1174		(Single) 737 445
1638		(Double) 737 437
		Inguinal Rat-Tail

Cost	Qty	PIP Codes
<i>pence</i>		
1446		(Single) 737 429
2160		(Double) 737 411
		Scrotal
1446		(Single) 737 387
2160		(Double) 737 379
		Elastic Band Truss
		Inguinal
833		(Single) 737 296
1387		(Double) 737 288
		Scrotal
867		(Single) 737 270
1411		(Double) 737 262
		Umbilical
947		(Single) 737 254
1359		(Double) 737 247
		Vaccination Pads
131		(10) 737 205
		APPLICATIONS
175	500 ml	Benzyol Benzoate BP
		(100 ml) 772 509
		(500 ml) 772 491
		(1.8 l) 772 483
		(2 l) 772 475
		Calamine Co
		(500 g) 772 447
		Detergent BNF
		(500 ml) 772 434
221	500 ml	Gamma Benzene Hexachloride
		(250 ml) 772 392
		CAPSULES
1355	100	Amoxycillin BP 250 mg
		(100) 904 193
		(250) 860 031
		(500) 904 185
2705	100	Amoxycillin BP 500 mg
		(100) 904 177
		(500) 953 133
2100	500	Ampicillin BP 250 mg
		(500) 770 990
		(1000) 770 982
2229	250	Ampicillin BP 500 mg
		(100) 770 974
		(250) 770 966
		(500) 572 743
		Ampicillin/Flucloxacillin 250 mg/25 mg
		(100) 798 124
		(500) 798 090
		Chloramphenicol BP 250 mg
		(100) 589 739
		(1000) 563 510
		Chlordiazepoxide 5 mg
		(100) 903 716
		(500) 903 682
		Chlordiazepoxide 10 mg
		(100) 994 525
		(500) 523 514
		Cloxacillin 250 mg
		(100) 523 571
		Cloxacillin 500 mg
		(100) 523 563
		Danazol 100 mg
		(100) 744 615
		Danazol 200 mg
		(100) 744 623
		Disopyramide phosphate 100 mg
		(100) 551 259
		Disopyramide phosphate 150 mg
		(100) 859 017
		Doxycycline 100 mg
		(10) 594 226
		(50) 594 218
1350	100	Flucloxacillin BP 250 mg
		(100) 559 690
		(250) 923 672
		(500) 559 708
2800	100	Flucloxacillin BP 500 mg
		(100) 559 682
		(500) 552 679
		Flurazepam BP 15 mg
		(100) 594 200
		(500) 589 721
		Flurazepam BP 30 mg
		(50) 973 594
		(100) 594 192
		(500) 589 713
202	250	Halibut Liver Oil BP
		(80) 552 687
		(100) 962 167
		(250) 770 941

Cost	Qty	PIP Codes	Cost	Qty	PIP Codes
<i>pence</i>			<i>pence</i>		
440	500	(500) 770-933 (1000) 770-925 Indomethacin BP 25 mg (500) 053-322	46	15 g	(500 g) 791-723 Hydrocortisone BPC 0.5% (15 g) 791-715 (50 g) 927-905
275	100	Indomethacin BP 50 mg (100) 770-891 (250) 770-883 Indomethacin BP 75 mg (100) 579-870 Ketoprofen 50 mg (100) 924-639 Ketoprofen 100 mg (100) 924-647 Mefenamic Acid 250 mg (100) 903-997 (500) 903-856 Nifedipine 10 mg (100) 744-631 Oxazepam 30 mg (100) 523-779 Oxytetracycline 250 mg (1000) 970-079 Phenytrin 100 mg (1000) 969-154 Piroxicam 10 mg (60) 513-259 Piroxicam 20 mg (30) 513-242 Propranolol 160 mg (28) 798-215 (100) 547-968	43	15 g	Hydrocortisone BPC 1% (15 g) 791-707 (30 g) 791-699 (50 g) 791-681 (100 g) 791-673 (250 g) 791-657 (500 g) 791-640 Hydrocortisone BPC 2.5% (15 g) 791-632 (50 g) 744-540 (200 g) 927-913 Menthol & Wintergreen (25 g) 585-141
1167	500	Temazepam 10 mg (100) 549-428 (500) 549-410 (1000) 727-826	55	15 g	Neomycin BPC 0.5% (5 g) 791-624 (15 g) 791-616 (500 g) 791-590 Neomycin & Hydrocortisone BPC (15 g) 791-582 Oily BP (see Hydrous ointment)
1123	250	Temazepam 20 mg (50) 549-402 (250) 549-394 (500) 965-723 Tetracycline 250 mg (1000) 711-143	160	500 ml	Proflavine BPC (80 ml) 791-566 (100 ml) 941-104 (500 ml) 791-541 (2 l) 791-525 Salicylic Acid & Sulphur (450 g) 595-256
133	100	Vitamin A & D BPC (100) 770-834 (500) 770-826	357	500 g	Zinc BP (500 g) 791-509 Zinc & Castor Oil (see Z & CO Ointment) Zinc, Castor Oil & Lanolin (50 g) 768-986 (100 g) 768-978 (200 g) 768-960 (500 g) 791-483 Zinc & Ichthammol BP (500 g) 791-475
254	100	Vitamin A Strong BNF (100) 770-818 (500) 770-800			DUSTING POWDERS
440	500	Vitamins BPC (100) 770-790 (250) 770-784 (500) 770-776 (1000) 770-768	109	500 g	Alum & Zinc Paediatric BPC (4 kg) 790-709 Talc BPC (500 g) 790-667 Zinc, Starch & Talc BPC (100 g) 790-659 (500 g) 790-642
		COLLODIONS			EAR DROPS
522	500 ml	Flexible BP (100 ml) 772-376 (500 ml) 772-368	175	10 ml	Chloramphenicol BPC 5% (10 ml) 796-706
498	500 ml	Salicylic Acid BP (100 ml) 772-350 (500 ml) 772-343	138	10 ml	Chloramphenicol BPC 10% (10 ml) 796-680 Hydrocortisone & Neomycin, 1.5% & 0.5% (10 ml) 796-664
		CREAMS	7	10 ml	Phenol BPC (10 ml) 796-656
308	500 g	Adrenaline D.T.F. 1 in 5000 (100 g) 791-897 (500 g) 791-889	1	10 ml	Sodium Bicarbonate BP (10 ml) 796-649
135	500 g	Aqueous BP (100 g) 791-871 (500 g) 791-863 (2.5 kg) 791-848 (4 kg) 791-830 Betamethasone Valerate BPC (15 g) 724-492 (30 g) 594-184			ELIXIRS
179	500 g	Buffered BP (500 g) 791-822	335	500 ml	Caffeine Iodide BPC (500 ml) 796-904 (2 l) 796-896
257	500 g	Calamine, Aqueous BP (500 g) 791-814 Calamine Co (50 g) 934-711 (100 g) 934-703	822	500 ml	Cascara BPC (500 ml) 796-854
96	30 g	Cetomacrogol BP Formula A (30 g) 791-806 (100 g) 791-798 (500 g) 791-780	213	500 ml	Chloral Paediatric BPC (500 ml) 796-847 (2 l) 796-839 Diazepam 2 mg/5 ml BNF (500 ml) 734-889
160	100 g	Cetomacrogol BP Formula B (100 g) 791-772 (500 g) 791-764 Cetrimide (30 g) 559-070 (500 g) 791-756	206	500 ml	Ephedrine BPC (500 ml) 796-821 (2 l) 796-813
255	500 g	Dimethicone BP	235	500 ml	Paracetamol Paediatric BPC (100 ml) 764-423 (500 ml) 796-771 (2 l) 796-763
			259	500 ml	Phenobarbitone BPC (500 ml) 796-755 (2 l) 796-748
			188	500 ml	Piperazine Citrate BPC (500 ml) 796-730
			185	500 ml	Squill BPC (500 ml) 796-722 (2 l) 796-714

Cost	Qty	PIP Codes	Cost	Qty	PIP Codes
<i>pence</i> 283	100 ml	Triclofos BP (100 ml) 134-252 (2 l) 134-262	<i>pence</i> 200	4 ml	Cocaine & Homatropine BPC (10 ml) 792-242
		EMULSIONS	155	10 ml	Fluorescein BPC 1% (10 ml) 792-234
181	500 ml	Chloroform BPC (500 ml) 790-626	166	10 ml	Homatropine BP 1% (10 ml) 792-218
359	2 l	Liquid Paraffin BP (200 ml) 790-618 (500 ml) 790-600 (1.8 l) 580-951 (2 l) 790-584	176	10 ml	Homatropine BP 2% (10 ml) 792-200
		Liquid Paraffin & Kaolin BPC (2 l) 790-535			Hydrocortisone BPC 1% (10 ml) 792-192
393	2 l	Liquid Paraffin & Magnesium Hydroxide BP (300 ml) 770-016 (500 ml) 790-527 (1.8 l) 790-519 (2 l) 790-501	77	10 ml	Hyoscine BP 0.25% (10 ml) 792-176
310	2 l	Liquid Paraffin & Phenolphthalein BP (200 ml) 790-493 (500 ml) 790-477 (1.8 l) 580-944 (2 l) 790-451	73	10 ml	Hypromellose BPC 0.3% (10 ml) 792-168
70	100 ml	Peppermint Conc. BP (100 ml) 790-444 (250 ml) 790-436 (500 ml) 790-428	358	10 ml	Lachesine BPC 1% (10 ml) 792-150
		Peppermint 1-50 (500 ml) 833-335	153	10 ml	Neomycin Sulphate BPC 0.5% (10 ml) 792-143
		Rose Water (100 ml) 920-637 (250 ml) 768-846			Normal Saline BPC (10 ml) 792-135
		ESSENCES	172	10 ml	Phenylephrine BPC 10% (10 ml) 792-127
		Almond (15 ml) 924-381	187	10 ml	Physostigmine BP 0.25% (10 ml) 792-119
		Lemon (15 ml) 924-373	187	10 ml	Physostigmine BP 0.5% (10 ml) 792-101
		Peppermint (15 ml) 924-365 (500 ml) 739-300			Physostigmine & Pilocarpine BPC 0.25%/2% (10 ml) 792-085
		Vanilla (15 ml) 924-316			Physostigmine & Pilocarpine BPC 0.25%/4% (10 ml) 792-077
		EXTRACTS			Physostigmine & Pilocarpine BPC 0.5%/4% (10 ml) 792-069
		Belladonna Dry BP (25 g) 594-804	110	10 ml	Pilocarpine BP 0.5% (10 ml) 792-051
429	500 ml	Cascara Liquid BP (50 ml) 768-739 (500 ml) 790-410	110	10 ml	Pilocarpine BP 1% (10 ml) 792-044
		Ipecacuanha Liquid BP (25 ml) 790-386 (100 ml) 790-378 (500 ml) 790-360	119	10 ml	Pilocarpine BP 2% (10 ml) 792-036
373	500 ml	Liquorice Liquid BP (500 ml) 790-352 (2 l) 790-345	135	10 ml	Pilocarpine BP 3% (10 ml) 792-028
		Quillaia Liquid BP (100 ml) 790-311	150	10 ml	Pilocarpine BP 4% (10 ml) 792-010
		Senega Liquid BP (500 ml) 790-303	142	10 ml	Sulphacetamide 10% (10 ml) 792-002
		Squill Liquid BP (500 ml) 790-287			Sulphacetamide 20% (10 ml) 791-996
		EYE DROPS			Sulphacetamide 30% (10 ml) 791-988
165	10 ml	Amethocaine BP 0.5% (10 ml) 792-358	163	10 ml	Zinc Sulphate BP 0.25% (10 ml) 791-970
145	10 ml	Amethocaine BP 1% (10 ml) 792-341	162	10 ml	Zinc Sulphate & Adrenaline BPC (10 ml) 791-962
		Amethocaine BP 2% (10 ml) 589-812			EYE LOTIONS
		Antazoline Co. BNF (10 ml) 589-804			Sodium Bicarbonate BPC (100 ml) 791-954
		Arc Flash (10 ml) 792-333	135	100 ml	Sodium Chloride BPC (100 ml) 791-921 (200 ml) 791-905
		Atropine Sulphate BPC 0.5% (10 ml) 792-325			EYE OINTMENTS
65	10 ml	Atropine Sulphate BPC 1% (10 ml) 792-317			Atropine BP 1% (3 g) 792-556
		BJ6 (10 ml) 792-309	60	4 g	Chloramphenicol BPC 1% (4 g) 792-549
		Carbachol BPC 0.8% (10 ml) 792-291			Hydrocortisone 0.5% (3 g) 792-523
66	10 ml	Chloramphenicol BP 0.5% (10 ml) 792-283			Hydrocortisone 1% (3 g) 792-515
		Cocaine 2% (10 ml) 792-275			Hydrocortisone 2.5% (3 g) 792-507
180	4 ml	Cocaine 4% (4 ml) 792-267 (10 ml) 792-259			Neomycin BPC 0.5% (3 g) 792-481
					Neomycin BPC 1% (3 g) 792-473
					Simple BPC (4 g) 792-457
			57	4 g	Sulphacetamide 2.5% (3 g) 792-440 (4 g) 792-432
			69	4 g	Sulphacetamide 6% (4 g) 792-416
					Sulphacetamide 10% (3 g) 792-408 (4 g) 792-390
					GARGLES
			250	2 l	Potassium Chlorate & Phenol BPC (2 l) 772-327

Cost	Qty	PIP Codes	Cost	Qty	PIP Codes
<i>pence</i>			<i>pence</i>		
		GELS			(5 ml x 10) 770-701
		Lignocaine BPC 2% (15 ml) 739-474	435	10	Aminophylline BP i/m 500 mg/2 ml (5) 770-693
		Lignocaine 2% & Chlorhexidine (15 ml) 739-466			Aminophylline BP i/v 250 mg/10 ml (10) 770-685
		GLYCERINS			Amoxycillin 250 mg/10 ml (10) 924-100
258	500 ml	Glycerol BP (50 ml) 768-838 (100 ml) 790-246 (200 ml) 768-820 (500 ml) 790-238 (2 l) 790-212 (5 kg) 790-204 (6 kg) 790-196 (25 kg) 790-188	566	10	Amoxycillin 500 mg/10 ml (10) 924-092
		Glycerin BP Sterile (20 ml) 585-034 (25 ml) 734-871			Ascorbic Acid BPC 500 mg/5 ml (10) 770-677
370	500 ml	Ichthammol BPC (100 ml) 395-306 (500 ml) 790-170 (2 l) 790-162	148	5	Atropine Sulphate BP 400 mcg/1 ml (5) 770-651 (10) 770-644
		Lemon & Honey (135 g) 579-987 (100 ml) 768-812 (200 ml) 768-804 (2 l) 790-154			Atropine Sulphate BP 600 mcg/1 ml (5) 770-636 (10) 770-628 (100) 770-610
		Lemon & Honey & Ipecacuanha (100 ml) 768-796 (200 ml) 768-788 (2 l) 790-147	304	10	Atropine Sulphate BP 800 mcg/1 ml (10) 770-602
1230	500 ml	Pepsin BPC (500 ml) 790-139			Atropine Sulphate BP 1 mg/1 ml (10) 770-594
453	500 g	Phenol BP (250 ml) 790-105 (500 ml) 790-097	518	5	Atropine Sulphate BP 1.25 mg/1 ml (10) 770-586
257	100 g	Starch BPC (100 g) 790-089	618	5	Calciferol BP 300,000 units/1 ml (5) 770-578
485	500 ml	Tannic Acid BPC (500 ml) 790-063			Calciferol BP 600,000 units/2 ml (5) 770-560
294	2 l	Thymol Co. BP (100 ml) 768-770 (150 ml) 717-306 (200 ml) 768-762 (300 ml) 972-075 (500 ml) 768-754 (2 l) 790-055			Calcium Chloride BP 2.5 mmols/5 ml (10) 770-552
		INFUSIONS			Calcium Chloride BP 5 mmols/10 ml (10) 770-545
		Buchu Conc. BPC (500 ml) 790-048			Calcium Chloride BP 5 mmols/5 ml (10) 770-537
417	500 ml	Gentian Co. Conc. BPC (500 ml) 790-030			Calcium Chloride BP 10 mmols/10 ml (10) 770-529
		Metronidazole 500 mg (100 ml x 1) 837-013 (100 ml x 10) 837-005	407	5 ml x 10	Calcium Gluconate BP 10% (5 ml x 10) 770-511 (10 ml x 10) 770-503
633	500 ml	Orange Peel Conc. BP (500 ml) 790-006			Calcium Leucovorin 3 mg/1 ml (5) 836-908
1144	500 ml	Senega Conc. BPC (500 ml) 789-958			Calcium Leucovorin 15 mg/2 ml (5) 836-882
447	500 ml	Valerian Conc. BPC (500 ml) 789-941			Carbachol 0.25 mg/1 ml (10) 770-495
		INHALATIONS			Cardioplegia (10) 595-801
286	500 ml	Benzoin BP (500 ml) 789-925			Cisplatin 1mg (10 ml x 1) 836-874 (50 ml x 1) 836-866 (100 ml x 1) 836-858
272	500 ml	Menthol & Benzoin Co BP (25 ml) 924-415 (50 ml) 924-423 (250 ml) 789-891 (500 ml) 789-883 (2 l) 789-875			Cisplatin 10mg (1) 567-586 (10) 564-427 (20 ml x 1) 836-841
182	500 ml	Menthol & Eucalyptus BP (50 ml) 768-747 (500 ml) 789-867 (2 l) 789-859			Cisplatin 50mg (1) 567-560 (10) 564-401 (100 ml x 1) 836-833
		INHALER			Codeine Phosphate 60 mg/1 ml (10) 770-487
218	200 Dose	Salbutamol 563-353			Cytarabine 1 g/20 ml (1) 924-118
		INJECTIONS			Dextrose BP 20% (20 ml x 10) 770-479
140	1 ml x 5	Adrenaline Tartrate BP (0.5 ml x 10) 770-743 (0.5 ml x 5) 770-735 (1 ml x 10) 770-727	1483	50 ml x 10	Dextrose BP 25% (25 ml x 10) 770-461
		Alcohol, Absolute (2 ml x 10) 770-719			Dextrose BP 50% (20 ml x 10) 770-453 (25 ml x 10) 770-446 (50 ml x 10) 770-420
					Diamorphine Hydrochloride BP 5 mg (5) 770-412 (100) 770-404
					Diamorphine Hydrochloride BP 10 mg (5) 770-396 (100) 770-388
					Diamorphine Hydrochloride BP 30 mg (5) 770-370 (100) 770-362
					Diamorphine Hydrochloride BP 100 mg (5) 559-716
					Diamorphine Hydrochloride BP 500 mg (5) 916-007
					Diazepam 10 mg/2 ml BP (10) 836-510
					Dopamine 40 mg/5 ml (5) 751-164
					Dopamine 160 mg/5 ml (5) 751-172
					Ephedrine Hydrochloride 30 mg/1 ml

Cost	Qty	PIP Codes	Cost	Qty	PIP Codes
<i>pence</i>			<i>pence</i>		
490	2 ml × 10	(10) 770-354 Ethanalamine Oleate BP (2 ml x 10) 770-347			(20 ml x 1) 482-497 Metoclopramide 10 mg/2 ml (10) 924-514
594	5 ml × 10	(5 ml x 10) 770-339 Fentamyl Citrate 0.05 mg/ml × 5 (2 ml) 873-562 (10 ml) 873-737 Fluorouracil 500 mg (20 ml × 10) 836-825 Frusemide 20 mg/2 ml (10) 861-138 (50) 833-368 Frusemide 50 mg/5 ml (5) 833-350 Gentamicin 10 mg BP (1 ml × 5) 836-817 Gentamicin 20 mg BP (2 ml × 5) 836-775 (2 ml × 50) 836-767 Gentamicin 40 mg BP (1 ml × 5) 836-809 Gentamicin 80 mg BP ampoules (2 ml × 5) 836-791 (2 ml × 50) 836-783 vials (2 ml × 5) 836-759 (2 ml × 50) 836-742 Glyceril Trinitrate 25 mg/5 ml (5) 972-661 Heparin Calcium BP 5000 units/0.2 ml (5) 075-119 (10) 731-547 Heparin Calcium 25000 units/0.2 ml (10) 927-947 Heparin Calcium 5000 units/0.2 ml (50) 731-562 Heparin Sodium BP 1000 units/ml (1 ml x 5) 595-322 (5 ml ampoule) 075-127 (5 ml vial x 5) 075-143 Heparin Sodium BP 5000 units/0.2 ml (5) 075-135 (10) 731-570 (50) 731-588 Heparin Sodium BP 5000 units/ml (1 ml x 5) 595-314 (5 ml vial x 5) 075-150 Heparin Sodium 25000 units/0.2 ml (10) 927-962 Heparin Sodium BP 25000 units/ml (1 ml x 5) 595-264 (5 ml vial x 5) 075-333 Histamine Acid Phosphate 1 mg/1 ml (10) 770-297	174	5	Morphine Sulphate BP 10 mg/1 ml (5) 770-065 (10) 770-057
			180	5	Morphine Sulphate BP 15 mg/1 ml (5) 770-032 (10) 770-024
			196	5	Morphine Sulphate BP 30 mg/1 ml (5) 769-992 (10) 769-984
			212	10	Morphine Sulphate BP 60 mg/2 ml (5) 769-976 Morphine & Atropine BP (1 ml x 10) 769-968 Mydracaine Moorfields Formula 1 (0.3 ml x 10) 769-950 Mydracaine Moorfields Formula No 2 (0.3 ml x 10) 769-943 Nepenthe (0.5 ml x 5) 403-915 Nikethamide BP 25% (2 ml x 5) 769-935 (2 ml x 10) 769-927 (5 ml x 10) 769-919 Papaveretum BPC 10 mg/1 ml (10) 769-901 Papaveretum BPC 20 mg/1 ml (10) 769-893 Papaveretum & Hyoscine (1 ml x 10) 769-885 Paraldehyde BP (5 ml x 10) 769-877 (10 ml x 10) 769-869
			140	1 ml × 10	Pethidine Hydrochloride BP 50 mg (1 ml x 10) 769-851 (5 ml x 10) 769-844
			151	2 ml × 10	Pethidine Hydrochloride BP 100 mg (2 ml x 10) 769-836 (10 ml x 10) 769-828 Phenobarbitone Sodium 15 mg (10) 769-802 Phenobarbitone Sodium 30 mg (10) 769-794 Phenobarbitone Sodium 60 mg (10) 769-786 Phenobarbitone Sodium 200 mg BP (10) 769-778 Phenol Oily BP 5% (2 ml x 10) 769-760 (5 ml x 10) 769-752 (25 ml vial) 769-745 Potassium Chloride 1 g/5 ml (10) 769-737 Potassium Chloride 1 g/10 ml (10) 769-729 Potassium Chloride 1.5 g/10 ml (10) 769-711 Potassium Chloride 2 g/10 ml (10) 769-703 Procaine 2% (2 ml x 10) 769-695
624	5	Hyaluronidase BP 1500 units/2 ml (5) 770-289 (100) 770-271	840	10	Protamine Sulphate BP 50 mg/5 ml (10) 769-687 Sodium Bicarbonate 5% (20 ml × 10) 854-513 (50 ml × 10) 854-521
294	5	Hyoscine Hydrobromide 0.4 mg/1 ml (5) 770-263 (10) 770-255 Hyoscine Hydrobromide BP 0.6 mg/1 ml (10) 770-123 Insulin BP 100 units/ml (10 ml) 927-954 Insulin Neutral BP 100 units/ml (10 ml) 580-985 Insulin Protamine Zinc 100 units/ml (10 ml) 927-962 Inulin BP 10% (50 ml) 770-115 Lignocaine 1% (5 ml x 10) 836-536 Lignocaine 2% (5 ml x 10) 836-528 Magnesium Sulphate 10% (10 ml x 10) 770-107 Magnesium Sulphate 50% (2 ml x 5) 770-099 Methotrexate 5 mg BP (2 ml x 5) 382-929 Methotrexate 20 mg BP (2 ml x 5) 833-400 Methotrexate 50 mg BP (2 ml x 5) 833-392 Methotrexate 100 mg BP (4 ml x 5) 833-384 Methotrexate 250 mg BP (10 ml x 1) 833-376 Methotrexate 500 mg BP	1519	50 ml × 10	Sodium Bicarbonate 8.4% (10) 573-105
			295	5 ml × 10	Sodium Chloride BP 0.9% (2 ml x 10) 769-646 (5 ml x 10) 769-638 (10 ml x 10) 769-620 (20 ml x 10) 769-612 (50 ml x 10) 769-604
			336	10 ml × 10	Sodium Chloride Hypertonic Saline 30% (10 ml x 10) 769-596 Sodium Nitroprusside 50 mg/10 ml (5) 972-711
			598	20 ml × 10	Streptomycin Sulphate BP 1 g (10) 769-588 Tetanus vaccine BP absorbed (5 ml × 1) 710-269 (0.5 ml × 10) 894-170 Vinblastine Sulphate 10 mg BP (10 ml × 1) 836-999 Vincristine Sulphate 1 mg BP (10 ml × 1) 836-981
			1231	50 ml × 10	

Cost	Qty	PIP Codes	Cost	Qty	PIP Codes
<i>pence</i>			<i>pence</i>		
		Vincristine Sulphate 2 mg BP (10 ml x 1) 836-973	175	500 ml	Calamine BP (100 ml) 962-720 (200 ml) 962-712 (500 ml) 788-257 (2 l) 788-240
		Vincristine Sulphate 5 mg BP (10 ml x 1) 836-965			
111	1 ml	Water for Injections BP (1 ml x 10) 769-570	186	500 ml	Calamine, Oily BP (100 ml) 889-287 (500 ml) 788-232 (1.8 l) 788-224
113	2 ml	(2 ml x 5) 769-562			Hydrocortisone BPC 0.5% (20 ml) 788-208
	10 ml	(2 ml x 10) 769-554	39	20 ml	Hydrocortisone BPC 1% (20 ml) 788-190
164	5 ml	(2 ml x 100) 734-863			Lignocaine topical 4% (25 ml) 970-400
	10 ml	(5 ml x 10) 769-547			LOZENGES
205	10 ml	(5 ml x 100) 769-539	242	100	Benzalkonium BPC (100) 797-027 (500) 797-019
	20 ml	(10 ml x 10) 769-521	240	100	Benzocaine Co. BPC (100) 796-995
465	20 ml	(20 ml x 10) 769-513			Benzocaine DPF (100) 796-979
	50 ml	(50 ml x 1) 769-505	495	500 g	Formaldehyde BPC (500 g) 796-953
935	50 ml	(50 ml x 10) 769-497	805	500 g	Liquorice BPC (500 g) 796-946
	100 ml	(100 ml x 1) 769-489			MIXTURES
		LINCTUSES	356	2 l	Aluminium Hydroxide BP (2 l) 788-141
700	2 l	Codeine BP (100 ml) 768-622 (200 ml) 924-407 (500 ml) 789-842 (2 l) 789-834	247	2 l	Ammonia & Ipecacuanha BP (500 ml) 788-133 (2 l) 788-125
1350	2 l	Codeine Diabetic BPC (500 ml) 855-734 (2 l) 789-826			Ammonia & Ipecacuanha BP Double Strength (2 l) 788-117
18	100 ml	Codeine Paediatric BPC (2 l) 789-818	238	2 l	Ammonium Chloride & Morphine BP (2 l) 788-091
186	500 ml	Ipecacuanha & Squill Paediatric BPC (500 ml) 789-800 (2 l) 789-792			Ammonium Chloride & Morphine BP Double Strength (2 l) 788-083
		Isoaminile (150 ml) 798-058			Amoxycillin 125 mg/5 ml (100 ml) 972-778
428	500 ml	Methadone BP (500 ml) 789-784			Amoxycillin 250 mg/5 ml (100 ml) 972-802
		Noscapine BPC (500 ml) 789-776			Aromatic Chalk & Opium BPC (2 l) 598-870
144	500 ml	Pholcodine BP (100 ml) 768-606 (200 ml) 922-120 (500 ml) 789-750 (2 l) 789-743	32	200 ml	Chloral BP (2 l) 788-034
228	500 ml	Pholcodine Strong BP (500 ml) 789-735 (2 l) 789-727	38	200 ml	Ferric Ammonium Citrate BPC (2 l) 788-026
326	2 l	Simple BP (100 ml) 733-048 (200 ml) 921-379 (500 ml) 789-717 (2 l) 789-701	330	2 l	Gentian Alkaline BP (2 l) 787-994
324	2 l	Simple Paediatric BP (100 ml) 922-112 (300 ml) 537-167 (2 l) 789-693	290	2 l	Ipecacuanha & Morphine BP (500 ml) 787-960 (2 l) 787-952
376	2 l	Squill Opiate BP (100 ml) 768-598 (200 ml) 768-580 (500 ml) 789-685 (2 l) 789-677			Ipecacuanha & Morphine Co (2 l) 787-945
133	500 ml	Squill Opiate Paediatric BP (500 ml) 789-669 (2 l) 789-651	303	2 l	Kaolin BP (500 ml) 787-937 (2 l) 787-929
		Terpin & Codeine (2 l) 789-644	271	2 l	Kaolin & Morphine BP (200 ml) 962-076 (500 ml) 787-911 (2 l) 787-903
173	500 ml	Tolu Co Paediatric BPC (500 ml) 789-636 (2 l) 789-628	136	500 ml	Kaolin Paediatric BP (100 ml) 894-675 (125 ml) 894-469 (500 ml) 787-895 (2 l) 787-887
		LINIMENTS	315	2 l	Magnesium Carbonate BPC (2 l) 787-879
562	500 ml	Aconite, Belladonna & Chloroform BPC (500 ml) 788-398	278	2 l	Magnesium Carbonate Aromatic BP (2 l) 787-861
88	100 ml	Camphor BP (500 ml) 788-364	314	2 l	Magnesium Hydroxide BP (500 ml) 787-853 (2 l) 787-846
249	500 ml	Methyl Salicylate BPC (200 ml) 543-223 (500 ml) 845-156 (2 l) 788-331	33	200 ml	Magnesium Sulphate BP (2 l) 787-838
247	500 ml	Soap BPC (Methylated) (100 ml) 956-441 (500 ml) 788-315 (2 l) 788-307	210	2 l	Magnesium Trisilicate BP (200 ml) 787-820 (500 ml) 787-812 (2 l) 787-804
176	500 ml	Turpentine BP (500 ml) 788-299 (2 l) 788-281	360	500 ml	Methadone 1 mg/ml (500 ml) 595-835
428	2 l	White BP (100 ml) 732-867 (500 ml) 788-273 (2 l) 788-265	540	2 l	Potassium Citrate BP (500 ml) 787-788 (2 l) 787-770
		LOTIONS			Potassium Citrate BP Conc.

Cost	Qty	PIP Codes	Cost	Qty	PIP Codes
<i>pence</i>			<i>pence</i>		
29	200 ml	(2 l) 787-762 Potassium Iodide & Ammonia BPC (2 l) 787-754 Potassium Iodide & Ammonia BPC Double Strength (2 l) 787-747			(30 ml) 744-524 (100 ml) 785-766 (500 ml) 785-758 (2 l) 785-741 Juniper BPC (25 ml) 785-725 (100 ml) 785-717
24	200 ml	Sodium Salicylate BP (2 l) 787-663			Lavender, Spike (4 ml) 779-447 (10 ml) 924-191 (15 ml) 962-035 (25 ml) 785-675 (100 ml) 785-667
69	100 ml	Sulphadimidine Paediatric BPC (500 ml) 787-622 (2 l) 787-614	190	100 ml	Lemon BP (100 ml) 785-642
		MOUTHWASHES	275	500 ml	Linseed Oil BPC (100 ml) 734-830 (500 ml) 785-634 (2 l) 785-626 (5 l) 785-618 (25 l) 572-099
12	200 ml	Phenol Alk. BPC (2 l) 772-301			Maize BP (2 l) 785-600 (4.5 l) 785-592
		NASAL DROPS	745	2 l	Neatsfoot (500 ml) 934-042 (2 l) 785-576
155	500 ml	Ephedrine BPC 0.5% (10 ml) 812-602 (500 ml) 796-615	288	500 ml	Olive BP (75 ml) 924-126 (150 ml) 924-175 (250 ml) 785-550 (300 ml) 924-183 (500 ml) 785-543 (2 l) 785-535 (4.5 l) 785-527
2	10 ml	Ephedrine BPC 1% (10 ml) 796-599 (500 ml) 796-581			Orange BP (50 ml) 785-519
		NASAL SPRAYS	589	100 ml	Peppermint BP (25 ml) 785-493 (50 ml) 785-485 (100 ml) 785-477
95	25 ml	Adrenaline & Atropine Co. BPC (25 ml) 796-565 (30 ml) 916-957 (100 ml) 796-557			Phenolated BPC (500 ml) 785-451
131	100 ml	Isoprenaline BPC (100 ml) 796-532	150	25 ml	Pine, Siberian Fir (100 ml) 785-444
		OILS			Pumilio Pine BP (25 ml) 785-436 (100 ml) 785-428
345	500 ml	Almond BP (25 ml) 962-944 (30 ml) 744-516 (50 ml) 962-936 (200 ml) 931-063 (250 ml) 786-111 (500 ml) 786-103 (2 l) 786-095			Rape BPC (2 l) 785-410 (4.5 l) 785-402
229	25 ml	Anise BP (25 ml) 786-079 (50 ml) 786-061 (100 ml) 786-053	330	100 ml	Rosemary BPC (25 ml) 785-394 (100 ml) 785-386
227	500 ml	Arachis BP (500 ml) 786-046 (2 l) 786-038 (4.5 l) 786-020			Scotch Pine Oil (100 ml) 785-360
143	100 ml	Cade BPC (100 ml) 786-004 (500 ml) 785-998			Sunflower (2 l) 785-345
339	500 ml	Cajuput BPC (100 ml) 785-980			Theobroma BP (500 g) 785-337
		Castor BP (50 ml) 962-654 (100 ml) 962-647 (500 ml) 785-964 (2 l) 785-956	160	500 ml	Turpentine BP (500 ml) 785-329 (2 l) 785-311
		Cinnamon BPC (100 ml) 785-949			Turpentine Commercial (500 ml) 785-303 (2 l) 785-295 (5 l) 785-287
		Citronella BPC (10 ml) 924-209 (100 ml) 785-931 (500 ml) 785-923	146	25 ml	Wheatgerm BPC (25 ml) 785-279 (100 ml) 785-261
250	100 ml	Clove BP (10 ml) 924-290 (25 ml) 785-915 (50 ml) 785-907 (100 ml) 785-899 (500 ml) 785-881			OINTMENTS
449	250 ml	Coconut, Fractionated BP (250 ml) 785-873 (500 ml) 785-865	465	500 g	Benzocaine Co. (500 g) 791-400
295	500 g	Coconut, Refined BP (50 g) 962-605 (90 g) 962-597 (250 g) 785-857 (500 g) 785-832 (2 kg) 785-824	282	500 g	Benzoic Acid Co BP (500 g) 791-384
398	500 ml	Cod Liver Oil BP (100 ml) 785-816 (200 ml) 954-990 (500 ml) 785-808 (1 l) 785-790 (2 l) 785-782	149	500 g	Betamethasone Valerate BPC (15 g) 724-476 (30 g) 594-176
		Crystal (4.5 l) 785-774			Calamine BPC (500 g) 791-368
490	500 ml	Eucalyptus BP (14 ml) 962-423 (25 ml) 962-415			Calamine Co (50 g) 894-295 (100 g) 894-329
			213	500 g	Calamine & Coal Tar (500 g) 791-350
			300	500 g	Capsicum BPC (50 g) 768-937 (500 g) 791-343
					Cetomacrogol Emulsifying BPC (500 g) 791-335

Cost	Qty	PIP Codes	Cost	Qty	PIP Codes
<i>pence</i>			<i>pence</i>		
191	500 g	Coal Tar BPC (250 g) 791-327 (500 g) 791-319			(12) 580-001 Effervescent Co. Ex Strong (12) 559-062
279	500 g	Coal Tar & Salicylic Acid (500 g) 791-301			Effervescent Co. Double-Strength BPC (12) 579-995
		Colophony BPC (25 g) 580-027 (500 g) 791-285	134	500 g	Kaolin Co. (500 g) 739-698
150	500 g	Emulsifying BP (250 g) 791-244 (500 g) 791-236 (2 kg) 791-228 (4 kg) 791-210 (4.5 kg) 734-905	131	500 g	Magnesium Carbonate Co. BPC (500 g) 739-631 Magnesium Trisilicate (100 g) 739-623 (200 g) 739-615
		Hamamelis BPC (500 g) 791-194	29	100 g	Magnesium Trisilicate Co (100 g) 739-607 (200 g) 739-599 (500 g) 739-581 (1 kg) 739-573 (2 kg) 739-565
		Hydrocortisone BP 0.5% (15 g) 791-186 (30 g) 744-664 (50 g) 744-573			Rhubarb Co. BP (25 g) 739-557 (500 g) 739-540
47	15 g	Hydrocortisone BP 1% (15 g) 791-178 (30 g) 791-160 (50 g) 523-597 (100 g) 791-152 (500 g) 791-137	289	100 g	Tragacanth Co BP (100 g) 739-532 (500 g) 739-524
		Hydrocortisone BP 2.5% (15 g) 791-129 (50 g) 744-581 (200 g) 873-877 (500 g) 791-111	PAINTS		
177	500 g	Hydrous BP (500 g) 791-103 (2.5 kg) 791-087 (4 kg) 791-079	223	500 ml	Brilliant Green & Crystal Violet BP (100 ml) 785-253 (500 ml) 785-246
		Hydrocortisone & Neomycin (15 g) 791-061	01	10 ml	Crystal Violet BP (100 ml) 785-238 (500 ml) 785-220 Crystal Violet Co (500 ml) 785-220
335	500 g	Ichthammol BP (25 g) 768-929 (250 g) 791-053 (500 g) 791-046	440	500 ml	Iodine Co. BPC (500 ml) 785-196 Iodoform Co. BPC (100 ml) 785-188 (500 ml) 785-170
		Iodine Non-Staining BPC (500 g) 791-038	850	500 ml	Magenta BPC (100 ml) 836-569 (500 ml) 785-154
		Iodine & Methyl Salicylate BPC (500 g) 791-020	265	100 ml	Mastic Co. BP (100 ml) 785-147 Podophyllin Co. BP (100 ml) 785-139
		Lanolin (25 g) 934-687 (55 g) 934-679 (500 g) 836-544	PARAFFINS		
		Lignocaine BP 5% (15 g) 791-012	210	500 g	Hard BP (500 g) 740-035 (2 kg) 740-027
477	500 g	Methyl Salicylate BP (25 g) 768-879 (500 g) 790-980	338	2 l	Liquid BP (100 ml) 740-118 (200 ml) 740-175 (300 ml) 740-100 (500 ml) 740-167 (2 l) 740-159 (4.5 l) 740-142 (5 l) 740-134 (22.5 l) 740-126 (25 l) 595-124
343	500 g	Neomycin BPC 0.5% (15 g) 790-956			Liquid BP Sterile (20 ml) 740-092 (50 ml) 740-084
423	500 g	Salicylic Acid BP (450 g) 790-923 (500 g) 790-915	161	500 ml	Light Liquid BPC (500 ml) 740-076 (2 l) 740-068 (4.5 l) 740-050 (22.5 l) 740-043
184	500 g	Salicylic Acid & Sulphur BPC (500 g) 790-907			Light Liquid (Sterile) BPC (25 ml)
		Simple, White BP (500 g) 790-857	174	500 g	Soft White BP (50 g) 740-019 (85 g) 740-001 (90 g) 924-498 (170 g) 739-995 (500 g) 739-987 (2 kg) 739-979 (3 kg) 739-961 (4.5 kg) 739-953
		Sulphanilamid 5% (500 g) 790-899			Soft White (sterile) (30 g) 739-946
		Sulphathiazole 5% (500 g) 790-881			Soft Yellow BP (500 g) 739-938 (2 kg) 739-920 (3 kg) 739-912 (4.5 kg) 739-904
179	500 g	Sulphur BP (25 g) 768-861 (500 g) 790-865			Soft Yellow (Sterile) (25 g) 739-896 (30 g) 739-888
		Wintergreen (see Methyl Salicylate)	143	500 g	Wax Low Melting Point
483	500 g	Wool Alcohol White (450 g) 790-840 (500 g) 790-832			
256	500 g	Wool Fat Hydrous BP (500 g) 790-824			
321	500 g	Zinc BP (25 g) 768-853 (500 g) 790-790			
259	500 g	Zinc & Castor Oil BP (500 g) 790-774 (2 kg) 790-766			
		Zinc & Castor Oil & Benzoin BPC 1934 (500 g) 790-741			
ORAL POWDERS					
		Aspirin (500 g) 916-023			
		Bismuth Co. BP (500 g) 739-722			
		Effervescent Co. BPC			

Cost	Qty	PIP Codes	Cost	Qty	PIP Codes
<i>pence</i>			<i>pence</i>		
		(450 g) 739-862 (500 g) 723-809 (2 kg) 739-847			(95 mm) 542-696 (100 mm) 542-688
		PASTES			Ring fluid
		Aluminium Co. BPC			(1) 543-090
458	30 g	(100 g) 786-376 Bismuth Subnitrate & Iodoform BPC			(2) 543-082
		(25 g) 786-368			(3) 543-074
290	500 g	(30 g) 786-350 Coal Tar BP			(4) 543-066
		(500 g) 786-343			(5) 543-058
392	500 g	Magnesium Sulphate BP			(6) 543-041
		(25 g) 955-153			(7) 543-033
		(50 g) 955-146			(8) 543-025
		(500 g) 786-269			(9) 543-017
168	500 g	Zinc Co. BP			(10) 543-009
		(500 g) 786-236			(11) 542-993
358	500 g	Zinc & Coal Tar BP			(12) 542-985
		(500 g) 786-228			Watch spring, Thin
291	500 g	Zinc & Salicylic Acid BP			(1) 542-670
		(40 g) 786-210			(2) 542-662
		(70 g) 786-202			(3) 542-654
		(250 g) 786-194			(4) 542-647
		(500 g) 786-186			(5) 542-639
		Zinc & Salicylic Acid Half-Strength			(6) 542-621
		(500 g) 786-160			(7) 542-613
		PASTILLES			(8) 542-605
		Glycerin Thymol Co			(9) 542-597
		(500 g) 772-269			(10) 542-589
		PESSARIES			(11) 542-571
		Diaphragm			(12) 542-563
		(1) 542-431			Watch Spring, Medium
		(2) 542-423			(1) 542-555
		(3) 542-415			(2) 542-548
		(4) 542-407			(3) 542-530
		(5) 542-399			(4) 542-522
		(6) 542-381			(5) 542-514
		(7) 542-373			(6) 542-506
		(8) 542-365			(7) 542-498
		(9) 542-357			(8) 542-480
		(10) 542-340			(9) 542-472
		(11) 542-332			(10) 542-464
		(12) 542-324			(11) 542-456
		Hodges perspex			(12) 542-449
		(1) 543-199			PILLS
		(2) 543-181			Phenolphthalein Co BPC
		(4) 543-173			(100) 739-292
		(5) 543-165			(500) 739-284
		(6) 543-157			POWDERS FOR MIXTURES
		(8) 543-140			Aspirin Mixture BPC
		(9) 543-132			(21) 739-839
		(10) 543-124			Gelatin BP
		(11) 543-116			(50 g) 744-599
		(12) 543-108			Ginger BP
700	12	Lactic Acid BPC 5%			(400 g) 744-609
		(12) 793-265			Kaolin Mixture BP
		Nystatin			(21) 739-821
		(100) 838-755			Kaolin & Morphine Mixture BP
		Polythene ring			(21) 739-813
		(50 mm) 542-977			Magnesium Carbonate Mixture BP
		(53 mm) 542-969			(21) 739-805
		(56 mm) 542-951			Magnesium Carbonate Mixture Aromatic BP
		(59 mm) 542-944			(21) 739-797
		(62 mm) 542-936			Magnesium Trisilicate Mixture BP
		(65 mm) 542-928	212	21	(21) 739-789
		(68 mm) 542-910			Magnesium Trisilicate Mixture
		(71 mm) 542-902			(with peppermint)
		(74 mm) 542-894			(21) 739-771
		(77 mm) 542-886			SOLUTIONS
		(80 mm) 542-878	78	25 ml	Adrenaline BP
		(85 mm) 542-860			(25 ml) 787-580
		(90 mm) 542-852			(30 ml) 543-256
		(95 mm) 542-845	196	500 ml	Amaranth BP
		(100 mm) 542-837			(250 ml) 787-531
		P.V.C.			(500 ml) 787-523
		(50 mm) 542-829			(21) 787-515
		(53 mm) 542-811			Ammonia Strong BPC
		(56 mm) 542-803	115	500 ml	(500 ml) 787-507
		(59 mm) 542-795			(21) 787-499
		(62 mm) 542-787			(2.5 l) 787-481
		(65 mm) 542-779			Ammonia Strong 0.88
		(68 mm) 542-761			(21) 787-473
		(71 mm) 542-753			(2.5 l) 787-465
		(74 mm) 542-746	171	500 ml	Ammonium Acetate Strong BPC
		(77 mm) 542-738			(500 ml) 787-432
		(80 mm) 542-720	156	500 ml	Ammonium Aromatic BP
		(85 mm) 542-712			(500 ml) 787-408
		(90 mm) 542-704			Ammonium Bicarbonate 1-10
					(25 ml) 894-634

Cost	Qty	PIP Codes	Cost	Qty	PIP Codes
<i>pence</i>			<i>pence</i>		
65	100 ml	(2 l) 787-382 Benzalkonium Chloride BP 50° (100 ml) 787-366 (500 ml) 787-358	132	100 ml	Iodine Aqueous BP (100 ml) 786-715 (500 ml) 786-699
65	100 ml	Benzoic Acid BP (100 ml) 787-341 (250 ml) 787-333 (500 ml) 787-325 Burnt Sugar BPC (500 ml) 787-283 (2 l) 787-275	26	100 ml	Iodine Decolourised BPC (250 ml) 786-673
232	100 ml	Calciferol BP (100 ml) 787-267	395	500 ml	Iodine Strong BP (500 ml) 786-632 (2 l) 786-624 Iodine Weak BP (500 ml) 786-616 (2 l) 786-608
310	2 l	Calcium Hydroxide BP (2 l) 787-242 Cetrimide 20° (100 ml) 787-234 (500 ml) 787-226 (2 l) 787-218 Chlorinated Soda Surgical BPC (500 ml) 787-200 (2 l) 787-192	773	1 l	Lactulose BP (300 ml) 770-180 (1 l) 770-073 (5 l) 770-156
493	2 l	Chloroxylonol BP (500 ml) 787-184 (2 l) 787-176 (1 gall) 787-168 (5 l) 585-075 (25 l) 787-150	284	500 ml	Lead Suhacetate Strong BPC (100 ml) 786-590 (500 ml) 786-582 (2 l) 786-574
309	500 ml	Coal Tar (Methylated) BP (500 ml) 787-143 (2 l) 787-135	341	100 ml	Morphine Hydrochloride BPC (100 ml) 786-566 (250 ml) 786-558 (500 ml) 786-541 Nepenthe Oral (100 ml) 191-593
309	500 ml	Coal Tar Strong (Methylated) BPC (500 ml) 787-127	173	500 ml	Potassium Hydroxide BP (500 ml) 786-533
1263	5 l	Cresol & Soap BP (100 ml) 787-119 (200 ml) 734-798 (2 l) 787-101 (5 l) 787-093 (25 l) 734-772 Crystal Violet BP 1° (100 ml) 787-085 (500 ml) 787-077	355	500 ml	Quinine Ammoniated BPC (250 ml) 786-525 (500 ml) 786-517 Saccharin BPC (100 ml) 786-509 (500 ml) 786-491 Sorbitol BPC non-crystallising (250 ml) 786-483 (1 l) 786-475
770	2 l	Ethereal Soap BPC (Methylated) (2 l) 787-044 Eusol Solution A (2 l) 787-036 Eusol Solution B (2 l) 787-028 for Eye Drops (Sterile) (100 ml) 787-010	177	100 ml	Strychnine Hydrochloride BPC (250 ml) 786-459
272	500 ml	Ferric Chloride BPC (500 ml) 786-996 Ferric Chloride Strong BPC (500 ml) 786-988 (2 l) 786-970	154	100 ml	Tartrazine Co. (100 ml) 786-426 (500 ml) 786-418
139	500 ml	Formaldehyde BP (500 ml) 786-962 (2 l) 786-954	143	500 ml	Tolu BP (500 ml) 786-400 (2 l) 786-392 Triethanolamine Lauryl Sulphate 40° w/w (2 l) 734-764 Vincristine 1 mg (1 ml) 836-957 Vincristine 2 mg (2 ml) 836-940 Wild Cherry Syrup 1-7 (500 ml) 786-384
205	25 ml	Green S & Tartrazine BP (25 ml) 786-947 Hydrogen Peroxide BP 10 vol. (150 ml) 962-159 (1 l) 786-939 (1.8 l) 786-921			SOLUTION TABLETS
84	450 ml	Hydrogen Peroxide BP 20 vol. (120 ml) 770-008 (150 ml) 734-731 (175 ml) 924-431 (200 ml) 786-855 (300 ml) 962-134 (450 ml) 786-913 (500 ml) 786-905 (1 l) 786-897 (2 l) 786-871 (5 l) 786-863 Hydrogen Peroxide BP 30 vol. (150 ml) 962-126 (175 ml) 924-456 (500 ml) 786-830 (1.8 l) 786-822 (2 l) 786-814 Hydrogen Peroxide BP 40 vol. (150 ml) 769-323 (450 ml) 786-806 (500 ml) 786-798 (2 l) 786-772 Hydrogen Peroxide BP 100 vol. (450 ml) 786-764 (500 ml) 786-756 (1 l) 786-749 (2 l) Iodin 786-723	122	100	Effervescent Mouthwash (100) 739-490 (1000) 739-482 Sodium Chloride 2.25 g (1000) 579-946
					SPIRITS
			245	500 ml	Ammonia Aromatic BP (500 ml) 785-113 (2 l) 785-105
			75	100 ml	Camphor BPC (25 ml) 785-097 (100 ml) 785-089 (500 ml) 785-063
			235	500 ml	Chloroform BP (500 ml) 785-055 (2 l) 785-048 Ether BPC (500 ml) 785-030
			106	100 ml	Ether Nitrous BPC (100 ml) 785-022 (500 ml) 785-006 (2 l) 784-991
			286	2 l	Industrial Methylated BP (2 l) 784-983 (4.5 l) 784-975 (5 l) 595-231 (20 l) 784-959 (25 l) 595-223
			444	100 ml	Lemon BP (25 ml) 784-942 (100 ml) 784-934 Mineralised Methylated (200 ml) 784-926 (500 ml) 784-918 (2 l) 784-900 (4.5 l) 784-892

Cost	Qty	PIP Codes	Cost	Qty	PIP Codes
<i>pence</i>			<i>pence</i>		
		(5 l) 595-215 (22.5 l) 784-876 (25 l) 595-207			(100 ml) 903-401
329	100 ml	Peppermint BP (100 ml) 784-843	175	100 ml	SYRUPS Amoxycillin 125 mg/5 ml (100 ml) 771-238
		Orange Co (100 ml) 784-850	325	100 ml	Amoxycillin 250 mg/5 ml (100 ml) 800-268
209	500 ml	Soap Methylated BP (100 ml) 784-835 (200 ml) 784-827 (500 ml) 784-819 (2 l) 784-801	76	100 ml	Ampicillin 125 mg/5 ml (100 ml) 793-000
325	2 l	Surgical BP (100 ml) 544-734 (200 ml) 961-565 (500 ml) 961-557 (2 l) 784-793 (5 l) 595-249	123	100 ml	Ampicillin 250 mg/5 ml (100 ml) 792-994
		STERILE PRODUCTS Calcium Chloride BP (10 ml × 10) 739-268 Potassium Chloride BP 20° (5 ml × 10) 739-250 Potassium Chloride Strong BP (10 ml × 10) 739-243 Sodium Citrate BP 3.8° (2 ml × 5) 739-235 (10 ml × 10) 739-227	330	500 ml	Blackcurrant BPC (500 ml) 792-986 (2 l) 792-978
		SUPPOSITORIES Aminophylline BP 50 mg (12) 793-240	495	500 ml	Buckthorn BPC (500 ml) 792-960
121	12	Aminophylline BP 100 mg (12) 769-000	187	500 ml	Chloral BPC (500 ml) 792-937
130	12	Aminophylline BP 150 mg (12) 793-232	379	500 ml	Codeine Phosphate BPC (500 ml) 792-903 (2 l) 792-895
97	12	Aminophylline BP 360 mg (12) 793-224 (150) 595-017			Co-Trimoxazole (100 ml) 792-887
63	12	Bisacodyl BP 5 mg (12) 734-822 (150) 734-814			Diazepam 2 mg/5 ml (100 ml) 859-629 (500 ml) 770-917
90	12	Bisacodyl BP 10 mg (12) 793-174 (250) 793-166			Diazepam 5 mg/5 ml (100 ml) 770-909
135	12	Bismuth Subgallate BPC (12) 793-158			Diphenhydramine (125 ml) 743-682 (1 l) 743-690 (2 l) 572-164
120	12	Bismuth Subgallate Co BPC (12) 793-141			Frythromycin 125 mg/5 ml (100 ml) 924-522
42	12	Glycerin Infants' (12) 793-133			Frythromycin 250 mg/5 ml (100 ml) 924-530
47	12	Glycerin Childrens' (12) 793-125			Frythromycin 500 mg/5 ml (100 ml) 924-548
55	12	Glycerin Adults' (12) 793-117 (150) 710-525	214	500 ml	Ferrous Phosphate Co. BPC (100 ml) 734-756 (200 ml) 734-749 (500 ml) 792-879 (2 l) 792-861
170	12	Hamamelis BPC 200 mg (12) 793-091	245	500 ml	Figs Co. (500 ml) 792-853
225	12	Hamamelis & Zinc Oxide BPC (12) 793-083			Flucloxacillin (100 ml) 523-431
431	12	Hydrocortisone BPC 25 mg (12) 793-075	106	500 ml	Ginger BPC (500 ml) 792-846
		Indomethacin 100 mg (10) 793-067 (30) 793-059	245	500 ml	Glycerophosphates Co. BP (500 ml) 792-838
263	12	Morphine Hydrochloride BPC 15 mg (12) 793-042	254	500 ml	Hypophosphites Co. BPC (500 ml) 792-812
		Morphine Hydrochloride BPC 30 mg (12) 793-034			Invert Syrup BP (500 ml) 792-804
351	12	Morphine Sulphate BPC 15 mg (12) 793-026			Lactulose (1 l) 859-058 (5 l) 590-919
551	12	Morphine Sulphate BPC 30 mg (12) 793-018			Lemon BP (500 ml) 792-796
		SUSPENSIONS Benorylate (1 l) 959-841			Marshmallow BPC (500 ml) 792-770 (2 l) 792-762
		Cloxacillin 125 mg/5 ml (100 ml) 836-593			Metoclopramide (100 ml) 551-275
		Co-Trimoxazole paed (100 ml) 859-736	247	500 ml	Orange BP (500 ml) 792-747 (2 l) 792-739
		Co-Trimoxazole adult (100 ml) 902-569	60	100 ml	Oxytetracycline BPC 125 mg/5 ml (100 ml) 792-721
147	100 ml	Frythromycin 125 mg/5 ml (100 ml) 594-267	53	100 ml	Penicillin V 125 mg/5 ml (100 ml) 792-713
216	100 ml	Frythromycin 250 mg/5 ml (100 ml) 594-259	53	100 ml	Penicillin V 250 mg/5 ml (100 ml) 792-705
		Frythromycin 500 mg/5 ml (100 ml) 594-242	82	100 ml	Raspberry BPC (500 ml) 792-697 (2 l) 792-689
		Trimethoprim 50 mg/5 ml	294	500 ml	Salbutamol (2 l) 802-397
					Squill BP (500 ml) 744-557 (2 l) 744-565
			285	2 l	Syrup BP (2 l) 792-622
					Syrup BP (Preserved) (2 l) 792-614
					Terbutaline 0.3 mg/ml (300 ml) 793-455
			127	500 ml	Tolu BP (500 ml) 792-598 (2 l) 792-580

Cost	Qty	PIP Codes	Cost	Qty	PIP Codes
<i>pence</i>			<i>pence</i>		
236	500 ml	Wild Cherry BP (500 ml) 792-572 (2 l) 792-564	461	28	(1000) 809-715 Atenolol 50 mg (28) 770-438
		TABLETS	651	28	Atenolol 100 mg (28) 770-248
		Acetazolamide BP 250 mg (100) 523-480 (500) 559-179	2850	100	Atropine Sulphate BP (100) 829-028
		Acetomenaphthone BP 5 mg (100) 810-168	45	100	Azathioprine 50 mg (100) 594-341
252	100	Allopurinol BP 100 mg (100) 810-143 (250) 810-135 (500) 858-969	240	1000	Bendrofluazide BP 2.5 mg (50) 743-609 (100) 828-962 (500) 809-673 (1000) 809-665
843	100	Allopurinol BP 300 mg (28) 810-119 (30) 836-932 (60) 589-903 (100) 810-101			Bendrofluazide BP 5 mg (50) 968-909 (100) 809-657 (500) 809-640 (1000) 828-954
679	500	Aluminium Hydroxide BP 500 mg (100) 845-164 (500) 810-093			Benzhexol BP 2 mg (100) 809-632 (1000) 809-616
674	100	Amiloride Hcl BP 5 mg (100) 534-453 (250) 836-924 (500) 994-749			Benzhexol BP 5 mg (100) 809-608 (1000) 809-582
162	100	Aminophylline BP 100 mg (100) 829-168 (250) 810-077 (500) 810-069 (1000) 810-051			Bethanidine BP 10 mg (100) 724-633 (500) 724-575
		Aminophylline BP 200 mg (100) 810-044 (250) 572-156	1281	1000	Bethanidine BP 50 mg (100) 724-567
132	100	Amytriptyline BP 10 mg (100) 810-036 (500) 810-028 (1000) 810-010	210	100	Bisacodyl BP E/C 5 mg (1000) 809-574
561	500	Amytriptyline BP 25 mg (100) 829-150 (500) 810-002 (1000) 809-996			Calciferol BP 3000 iu (250) 809-558
205	500	Amytriptyline BP 50 mg (100) 809-988 (250) 734-723 (500) 809-970	210	100	Calciferol High-strength BP 1980 0.25 mg (100) 828-921 (250) 743-674 (500) 809-541
		Ascorbic Acid BP 25 mg (100) 829-143 (250) 523-472 (500) 809-921 (1000) 809-913	285	100	Calciferol Strong BP 1.25 mg (100) 809-525 (500) 809-509
135	500	Ascorbic Acid BP 50 mg (100) 869-537 (500) 809-905 (1000) 809-897	210	100	Calcium Gluconate BPC 600 mg (100) 828-913 (500) 809-483
107	100	Ascorbic Acid BP 100 mg (100) 829-127 (500) 809-889 (1000) 878-009	447	100	Calcium Gluconate Effervescent BPC 1973 (100) 828-905
100	100	Ascorbic Acid BP 200 mg (100) 829-119 (250) 809-863 (500) 809-855	107	100	Calcium Lactate BP 300 mg (100) 954-982 (500) 809-475 (1000) 809-467
123	50	Ascorbic Acid BP 500 mg (100) 829-101 (250) 809-830 (500) 809-822	190	100	Calcium Lactate BP 600 mg (100) 828-889
41	100	Aspirin BP 300 mg (24) 523-605 (25) 962-902 (50) 781-435 (96) 836-494 (100) 962-886 (500) 809-806 (1000) 809-798	530	500	Calcium with Vitamin D BPC 1973 (50) 924-563 (100) 954-974 (500) 809-459
750	500	Aspirin & Codeine BP (25) 962-852 (50) 962-845 (100) 962-829 (500) 809-772 (1000) 809-764			Carbachol 2 mg (100) 809-434
414	1000	Aspirin Dispersible BP (24) 523-613 (25) 962-878 (50) 906-354 (100) 962-860 (500) 809-699 (1000) 809-681	86	100	Carbamazepine 100 mg (100) 523-852 (500) 523-845
495	1000	Aspirin Dispersible 75 mg BP (24) 903-377 (100) 829-077			Carbamazepine 200 mg (100) 523-837 (500) 523-829
					Carbamazepine 400 mg (100) 523-811
					Cascara BP 125 mg (s/c) (25) 944-132 (50) 781-351 (100) 944-124 (250) 809-426 (500) 809-418
					Charcoal Activated 150 mg (100) 809-335 (500) 809-327
					Chloroquine Phostate BP 250mg (1000) 589-788
					Chlorpheniramine BP 4 mg (50) 744-656 (100) 589-788 (500) 523-464 (1000) 809-236
					Chlorpromazine BP 25 mg (500) 809-228 (1000) 809-210
					Chlorpromazine BP 50 mg (500) 809-202 (1000) 809-194
					Chlorpromazine BP 100 mg (250) 744-649 (500) 809-186

Cost	Qty	PIP Codes	Cost	Qty	PIP Codes
<i>pence</i>			<i>pence</i>		
90	100	(1000) 590-208 Chlorpropamide BP 100 mg (100) 809-160 (250) 828-822 (500) 829-069			Diclofenac Sodium 50 mg (100) 878-025
135	100	Chlorpropamide BP 250 mg (100) 809-152 (250) 828-814 (500) 829-093	105	100	Dienoestrol BP 5 mg (250) 828-699
		Chlorthalidone BP 50 mg (100) 579-938			Digitalis Prepared BP 30 mg (100) 828-681 (250) 808-741 (1000) 808-733
		Chlorthalidone BP 100 mg (100) 579-920	1370	1000	Digitalis Prepared BP 60 mg (100) 828-665 (250) 808-725 (1000) 808-717
		Cinnarizine 15 mg (250) 994-608 (1000) 903-237	355	250	Digitoxin BP 100 mcg (100) 828-657 (250) 808-709
		Clomiphene Citrate 50 mg (30) 798-165	200	500	Digoxin BP 62.5 mcg (500) 808-683
		Co-codaprin dispersible (500) 809-749 (1000) 809-731	285	1000	Digoxin BP 125 mcg (500) 589-895 (1000) 808-675
710	500	(see Aspirin & Codeine) Co-codamol (25) 918-722 (50) 918-706 (100) 918-698 (500) 994-574 (1000) 877-142	408	1000	Digoxin BP 250 mcg (100) 828-640 (1000) 808-659
225	100	Co-codamol dispersible (60) 877-001 (100) 876-953			Dihydrocodeine 30 mg (500) 590-893
471	250	Codeine Phosphate BP 15 mg (100) 828-806 (250) 809-137 (500) 809-129			Dipyridamole BP 25 mg (100) 530-386
490	250	Codeine Phosphate BP 30 mg (100) 828-798 (250) 809-111 (500) 809-103 (1000) 809-095			Dipyridamole 100 mg (100) 530-378
599	100	Codeine Phosphate BP 60 mg (100) 828-780 (250) 809-087 (500) 809-079	138	500	Ephedrine Hydrochloride BP 15 mg (100) 808-634 (500) 827-741 (1000) 808-618
		Co-dydramol (500) 590-885	175	500	Ephedrine Hydrochloride BP 30 mg (100) 827-733 (500) 808-592 (1000) 808-584
210	100	Colchicine BP 250 mcg (100) 828-772	75	100	Ephedrine Hydrochloride BP 60 mg (100) 827-717 (250) 808-576 (500) 923-888
250	100	Colchicine BP 500 mcg (100) 828-764 (500) 809-061			Ergometrine Mateate BP 250 mcg (100) 808-568
		Colocynth & Jalap Compound BPC 1963 (Vegetable Laxative BPC) (500) 828-756	717	100	Ergometrine BP 500 mcg (25) 808-550 (100) 827-709
142	100	Co-proxamol (100) 512-442	2150	500	Erythromycin BP 250 mg (100) 808-501 (500) 808-485
		Co-Trimoxazole paed 100/20 mg (500) 924-712	973	100	Erythromycin 500 mg (100) 547-349 (500) 858-829
2100	500	Co-Trimoxazole BP 400/80 mg (100) 809-004 (250) 808-998 (500) 808-980	2150	500	Erythromycin Stearate 250 mg (500) 859-801
		Co-Trimoxazole Dispersible BP (100) 734-673 (500) 734-681	970	100	Erythromycin Stearate 500 mg (100) 859-785
		Co-Trimoxazole Forte 800/160 mg (100) 808-964	222	100	Ethinylestradiol BP 10 mcg (100) 827-683 (250) 808-543
290	100	Cyclobarbitone BP 1973 200 mg (100) 828-749 (250) 808-956 (500) 808-949	302	100	Ethinylestradiol BP 20 mcg (250) 808-527
		Dapsone BP 50 mg (100) 808-923	854	100	Ethinylestradiol BP 50 mcg (100) 827-675 (250) 808-519
		Dapsone BP 100 mg (100) 808-915 (500) 970-038			Ethinylestradiol BP 1 mg (100) 827-667
		Dehydrocholic Acid 250 mg (100) 808-907	556	1000	Ferrous fumarate 200 mg (1000) 903-542
115	1000	Diazepam BP 2 mg (500) 808-873 (1000) 808-865 (5000) 559-104	346	1000	Ferrous Gluconate BP 300 mg (100) 827-659 (250) 836-650 (500) 808-444 (1000) 808-436 (5000) 808-428
120	1000	Diazepam BP 5 mg (500) 808-824 (1000) 808-816 (5000) 808-808			Ferrous Sulphate BP s/c 300 mg (100) 563-429 (500) 563-411
130	500	Diazepam BP 10 mg (500) 808-782 (1000) 808-774	440	1000	Ferrous Sulphate BP s/c 200 mg (100) 892-513 (500) 808-386 (1000) 808-378
		Diclofenac Sodium 25 mg (100) 838-789			Ferrous Sulphate Co BPC 1973 S/C (100) 827-618 (500) 808-345 (1000) 808-337 (5000) 808-329
			157	500	Folic Acid BP 100 mcg (100) 808-311
					Folic Acid BP 5 mg (100) 827-600 (500) 808-295

Cost	Qty	PIP Codes	Cost	Qty	PIP Codes
<i>pence</i>			<i>pence</i>		
		(1000) 829-135			Ibuprofen BP 600 mg
		Frusemide BP 20 mg			(100) 543-264
		(100) 589-887	171	250	Imipramine BP 10 mg
		(250) 808-279			(100) 827-501
		(500) 589-879			(250) 807-917
		(1000) 559-195			(500) 807-909
250	500	Frusemide BP 40 mg			(1000) 807-891
		(500) 808-238	299	500	Imipramine BP 25 mg
		(1000) 808-220			(100) 827-493
2996	500	Frusemide BP 500 mg			(250) 807-883
		(100) 808-212			(500) 807-875
293	100	Glibenclamide BP 2.5 mg			(1000) 807-867
		(100) 573-097			Inositol Nicotinate 500 mg
		(500) 590-901			(50) 970-327
311	100	Glibenclamide BP 5 mg			(100) 743-617
		(100) 573-089			(500) 948-891
		(500) 530-360	327	250	Isoniazid BP 50 mg
		(1000) 551-283			(100) 827-485
68	100	Glyceryl Trinitrate BP 300 mcg			(250) 807-842
		(100) 827-584			(500) 969-188
43	100	Glyceryl Trinitrate BP 500 mcg (mannitol basis)	310	250	Isoniazid BP 100 mg
		(100) 845-172			(100) 827-477
		(1000) 808-196			(250) 807-834
58	100	Glyceryl Trinitrate BP 600 mcg			(500) 807-826
		(50) 808-147			Isoprenaline BP 1973 10 mg
		(100) 827-543			(100) 827-469
		(1000) 808-113			Isosorbide Dinitrate 5 mg
		Gregory's Powder 300 mg			(100) 806-448
		(100) 808-105			Isosorbide Dinitrate 10 mg
		Haloperidol 0.5 mg			(100) 793-422
		(100) 925-321			(250) 878-017
		(250) 924-506			Isosorbide Dinitrate 20 mg
		(1000) 567-891			(100) 793-430
		Haloperidol BP 1.5 mg			Isosorbide Mononitrate 20 mg
		(50) 590-968			(100) 793-448
		(100) 808-063			Isosorbide Mononitrate 40 mg
		(250) 567-958			(60) 959-684
		(500) 751-198			Labetolol 100 mg
		(1000) 836-684			(50) 903-062
		Haloperidol BP 5 mg			(100) 513-283
		(50) 591-008			(250) 523-456
		(100) 808-048			Labetolol 200 mg
		(250) 567-925			(50) 902-908
		(500) 751-180			(100) 513-275
		(1000) 836-676			(250) 523-449
		Haloperidol BP 10 mg			Labetolol 400 mg
		(50) 924-506			(50) 859-777
		(100) 579-912			(100) 787-572
		(250) 567-966			(250) 987-354
		Haloperidol 20 mg	106	100	Lorazepam 1 mg
		(50) 924-084			(30) 822-650
		(100) 567-883			(100) 807-776
		(250) 959-890			(500) 994-517
		Hexamine BPC 1954 300 mg			(1000) 579-904
		(100) 827-535	178	100	Lorazepam 2.5 mg
135	100	Hydralazine BP 25 mg			(30) 822-791
		(100) 543-215			(100) 807-768
		(250) 836-734			(500) 859-660
		(500) 513-309			(1000) 579-896
275	100	Hydralazine BP 50 mg	422	100	Lormetazepam 0.5 mg
		(100) 547-207			(30) 957-639
		(250) 513-291			(100) 957-654
		(500) 902-429	546	100	Lormetazepam 1 mg
115	100	Hyoscine Hydrobromide BP 0.3 mg			(30) 957-662
		(100) 845-123			(100) 957-670
206	100	Hyoscine Hydrobromide BP 0.6 mg	422	250	Magnesium Carbonate Compound BPC 1973
		(100) 827-519			(250) 807-750
800	500	Ibuprofen BP 200 mg			Magnesium Trisilicate BP 300 mg
		(12) 573-071			(100) 826-891
		(24) 573-063	476	500	Magnesium Trisilicate Compound BP
		(25) 579-961			(100) 892-588
		(100) 807-974			(250) 807-735
		(500) 807-958			(500) 807-727
		(1000) 589-770			(1000) 807-719
775	250	Ibuprofen BP 400 mg	216	250	Meprobamate 400 mg
		(12) 579-953			(500) 807-693
		(100) 807-941	239	100	Metformin 500 mg
		(250) 807-933			(100) 559-096

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Cost	Qty	PIP Codes	Cost	Qty	PIP Codes
<i>pence</i>			<i>pence</i>		
239	60	(500) 807-677 Metformin 850 mg (60) 994-533 (300) 512-434 Methionine USNF 250 mg (50) 807-669 (250) 807-651 Methotrexate 2.5 mg (100) 177-741 Methyldopa BP 125 mg (250) 807-644 (500) 807-636	370	100	(100) 807-198 Oxprenolol Hydrochloride BP 80 mg (100) 807-180
3650	1000	Methyldopa BP 250 mg (500) 807-610 (1000) 807-602	690	100	Oxprenolol Hydrochloride BP 160 mg (28) 594-283 (100) 807-172 Oxprenolol Hydrochloride BP 160 mg slow release (28) 859-504 (100) 859-462
3650	500	Methyldopa BP 500 mg (50) 970-657 (500) 807-545	1200	1000	Oxytetracycline BP 250 mg (100) 827-295 (500) 807-230 (1000) 807-222 (5000) 807-214
325	100	Methyltestosterone BP 5 mg (100) 827-402	2130	5000	Paracetamol BP 500 mg (12) 559-153 (24) 559-146 (25) 961-839 (48) 559-138 (50) 961-821 (96) 559-120 (100) 961-813 (500) 807-149 (1000) 807-131 (2500) 589-861 (5000) 807-123 (10000) 855-718
495	100	Methyltestosterone BP 10 mg (100) 827-394			Paracetamol & Caffeine 450 mg/30 mg (500) 971-564
950	100	Methyltestosterone BP 25 mg (100) 827-378			Paracetamol & Codeine (see Co-codamol)
1700	100	Methyltestosterone BP 50 mg (100) 827-360	1650	1000	Penicillin VK BP 250 mg (500) 807-073 (1000) 807-065
196	100	Metoclopramide BP 10 mg (100) 807-511 (500) 807-503	97	50	Pethidine Hydrochloride BP 50 mg (100) 827-253
695	250	Metronidazole BP 200 mg (21) 807-495 (100) 923-151 (250) 807-487 Metronidazole BP 400 mg (100) 594-317 Nalidixic Acid 500 mg (56) 594-291	276	1000	Phenobarbitone BP 15 mg (100) 827-238 (500) 807-040 (1000) 807-032
2001	250	Naproxen 250 mg (250) 563-361	316	1000	Phenobarbitone BP 30 mg (100) 827-220 (500) 807-024 (1000) 807-016 (5000) 807-008
1591	100	Naproxen 500 mg (100) 550-541 Neomycin Sulphate (100) 836-668	487	1000	Phenobarbitone BP 60 mg (100) 827-212 (500) 806-984 (1000) 806-976
80	100	Nicotinamide BPC 1973 50 mg (100) 827-345 (500) 807-446	62	100	Phenobarbitone BP 100 mg (100) 827-204 (250) 806-950
45	100	Nicotinic Acid BP 25 mg (100) 827-337 (250) 807-420 (500) 807-412	316	100	Phenobarbitone Sodium BP 30 mg (100) 827-196 (500) 836-643 (1000) 806-927 Phenobarbitone Sodium BP 60 mg (500) 806-919
294	500	Nicotinic Acid BP 50 mg (100) 827-329 (250) 807-404 (500) 807-396 (1000) 807-388	259	100	Phenolphthalein BP 125 mg (100) 827-170
92	100	Nicotinic Acid BP 100 mg (100) 827-311 (500) 807-362	166	250	Phenytoin BP 50 mg (100) 827-147 (250) 806-794 (500) 806-786 (1000) 806-778
170	500	Nitrazepam BP 5 mg (500) 807-354 (1000) 807-347	336	500	Phenytoin BP 100 mg (100) 827-139 (500) 806-760 (1000) 806-752 Pindolol 5 mg (100) 787-630 Pindolol 15 mg (30) 793-471 Potassium Chloride BP 1973 500 mg (100) 806-737
426	100	Nitrofurantoin BP 50 mg (50) 970-228 (100) 916-924 (250) 807-305 (500) 793-463 (1000) 734-608 Nitrofurantoin BP 100 mg (50) 743-591 (100) 915-918 (250) 807-271 (1000) 807-255 Orphenadrine Hydrochloride BP 50 mg (50) 970-152 (100) 970-160 (250) 724-526 (1000) 816-520	250	100	Potassium Effervescent BPC 1968 (100) 827-113 Potassium Iodine BPC 60 mg (100) 806-711 (500) 806-703
128	100	Oxazepam BP 10 mg (30) 823-088 (100) 915-975 (500) 807-164	182	500	Prednisolone BP 1 mg (100) 827-097 (500) 806-687 (1000) 806-679
143	100	Oxazepam BP 15 mg (30) 823-096 (100) 915-959 (500) 807-156	767	1000	Prednisolone BP 5 mg (100) 827-089 (500) 806-653 (1000) 806-646 Prednisolone BP 50 mg (100) 970-061
165	100	Oxazepam BP 30 mg (100) 902-874 (500) 798-249			
170	100	Oxprenolol Hydrochloride BP 20 mg (100) 807-206			
260	100	Oxprenolol Hydrochloride BP 40 mg			

Cost	Qty	PIP Codes	Cost	Qty	PIP Codes
<i>pence</i>			<i>pence</i>		
		Prednisolone BP E/C 2.5 mg (50) 970-046 (100) 970-053 (500) 806-620			(500) 806-323 (1000) 806-315
220	500	Prednisone BP 1 mg. (100) 827-063 (500) 806-612 (1000) 806-604	1005	100	Quinine Dihydrochloride BPC 1973 300 mg (100) 826-974 Quinine Hydrochloride BP 1958 300 mg (100) 826-966
384	500	Prednisone BP 5 mg (100) 827-055 (250) 836-635 (500) 806-588 (1000) 806-570	251	100	Quinine Sulphate BP 125 mg (100) 826-958 (250) 969-014
		Prednisone 20 mg (100) 572-172	852	250	Quinine Sulphate BP 200 mg (100) 826-941 (250) 806-299 (500) 806-281 (1000) 806-273
		Prochlorperazine BP 5 mg (1000) 724-518	2195	500	Quinine Sulphate BP 300 mg (100) 826-933 (250) 806-265 (500) 806-257 (1000) 806-240
		Procyclidine 5 mg (100) 523-555 (500) 523-415	97	100	Reserpine BP 250 mcg (100) 826-925 (500) 806-224
		Promazine 25 mg (50) 831-255 (250) 831-727 (1000) 831-750			Saccharin 12.5 mg (100) 961-748 (500) 961-730 (1000) 961-722
		Promazine 50 mg (50) 838-698 (250) 967-653 (1000) 967-679	461	500	Salbutamol 2 mg (250) 523-589 (500) 572-727
		Promazine 100 mg (50) 967-703 (250) 970-376 (1000) 970-392	881	500	Salbutamol 4 mg (500) 572-719
		Promethazine Hydrochloride BP 10 mg (1000) 969-121	320	1000	Soda Mints BP 500 g (100) 961-631 (1000) 806-190
		Promethazine Hydrochloride BP 25 mg (500) 563-395 (1000) 806-547			Sodium Bicarbonate 300 mg (100) 826-909 (500) 806-182
		Propantheline BP 15 mg (500) 959-866 (1000) 806-539			Sodium Bicarbonate 600 mg (100) 806-174 (500) 806-166
125	500	Propranolol BP 10 mg (250) 806-513 (500) 806-505 (1000) 806-497			Sodium Bicarbonate to BPC (1000) 771-295
400	1000	Propranolol BP 40 mg (250) 806-471 (500) 806-463 (1000) 806-455	90	100	Sodium Chloride BP 300 mg (100) 954-966
375	500	Propranolol BP 80 mg (500) 806-430			Sodium Chloride & Dextrose 450/200 mg (100) 904-045 (1000) 806-125
130	100	Propranolol BP 160 mg (100) 806-422 (250) 806-414			Sodium Citrate BP 125 mg (100) 931-139 (500) 806-117
		Propylthiouracil BP 50 mg (100) 827-048	1350	500	Spironolactone 25 mg (100) 793-513 (500) 806-109
159	100	Pyridoxine Hydrochloride BP 10 mg 1973 (100) 827-030 (500) 836-726	1200	100	Spironolactone BP 50 mg (100) 513-267
125	100	Pyridoxine Hydrochloride BP 20 mg 1973 (100) 827-022 (500) 836-718	1100	100	Spironolactone BP 100 mg (100) 826-867 (250) 836-692 (500) 793-539
247	100	Pyridoxine Hydrochloride BP 50 mg 1973 (100) 827-014 (250) 806-398 (500) 836-700	269	100	Stilboestrol BP 1 mg (100) 826-859 (500) 806-091
1624	250	Quinidine Sulphate BP 200 mg (100) 827-006 (250) 806-380 (500) 806-372	415	100	Stilboestrol BP 5 mg (100) 826-842 (250) 781-112 (500) 806-083
2195	250	Quinidine Sulphate BP 300 mg (100) 826-990 (250) 806-356 (500) 806-349			Sulphadiazine BP 500 mg (100) 806-075 (500) 806-067
		Quinine Bisulphate BP 200 mg (100) 959-924			Sulphadimidine BP 500 mg (100) 845-107 (500) 589-853
1628	250	Quinine Bisulphate BP 300 mg (100) 826-982 (250) 806-265	375	100	Sulphaguanidine BPC 1973 500 mg (100) 826-826 (1000) 589-747
					Sulphasalazine 500 mg (100) 559-187 (500) 551-267



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Cost	Qty	PIP Codes	Cost	Qty	PIP Codes
<i>pence</i>			<i>pence</i>		
600	30	Sulphur (50) 877-225	33	100	(100) 734-624 (500) 734-616
		Tamoxifen 10 mg (30) 547-406 (60) 802-405 (100) 732-875 (250) 547-398			Yeast BPC 1973 300 mg (100) 826-719 (1000) 805-705
938	30	Tamoxifen 20 mg (30) 923-011 (100) 732-883 (250) 798-413	100	100 ml	TINCTURES Aloes BPC (500 ml) 771-972
		Tamoxifen 40 mg (30) 923-011 (250) 793-421			Arnica Flowers BPC (25 ml) 771-964 (100 ml) 771-956 (500 ml) 771-949
		Terbutaline S A 7.5 mg (60) 793-505	261	500 ml	Asafetida BPC (500 ml) 771-923
		Terbutaline Sulphate 5 mg (100) 793-489 (500) 793-497	150	100 ml	Belladonna BP (500 ml) 771-915 (2 l) 771-899
699	500	Tetracycline BP 250 mg (100) 826-818 (500) 806-034 (1000) 806-026	258	500 ml	Benzoin BPC (500 ml) 771-873
		Thiamine Compound BPC 1973 See Vitamin B Co., BPC			Benzoin Co BP (25 ml) 734-715 (30 ml) 861-088 (50 ml) 734-707 (500 ml) 771-865 (2 l) 771-857
		Thiamine Compound BPC, Strong 1973 See Vitamin B Co., Strong PBC	87	100 ml	Capsicum BPC (100 ml) 771-840 (500 ml) 771-832
		Thioridazine 25 mg (1000) 859-322	489	500 ml	Cardamom Aromatic BP (500 ml) 771-824
		Thioridazine 50 mg (1000) 859-298	247	500 ml	Cardamom Co. BP (500 ml) 771-808
		Thioridazine 100 mg (1000) 859-157	390	500 ml	Catechu BP (100 ml) 771-782 (500 ml) 771-774
198	1000	Thyroxine BP 25 mcg (500) 805-929	411	500 ml	Chloroform & Morphine BPC (500 ml) 771-741 (2 l) 771-733
210	1000	Thyroxine BP 1980 50 mcg (1000) 826-735 (5000) 805-911	136	100 ml	Gelsemium BPC (500 ml) 771-683
226	1000	Thyroxine BP 1980 100 mcg (1000) 805-903 (5000) 805-895			Gentian Co BPC (500 ml) 771-675
		Timolol Maleate 18 mg (100) 842-849			Ginger Weak BP (500 ml) 771-659
725	500	Tolbutamide BP 500 mg (500) 805-887	144	100 ml	Ginger Strong BP (100 ml) 771-642 (500 ml) 771-634
		Trifluoperazine 1 mg (100) 589-846	301	500 ml	Hyoscyamus BP (500 ml) 771-618 (2 l) 771-600
		Trifluoperazine 5 mg (100) 589-838			Iodine (15 ml) 962-118 (25 ml) 962-100 (30 ml) 744-532 (50 ml) 962-092
296	100	Trimethoprim BP 100 mg (100) 805-838 (250) 805-820 (500) 724-500	555	500 ml	Ipecacuanha BP (500 ml) 771-592 (2 l) 771-584
438	100	Trimethoprim BP 200 mg (100) 805-812 (250) 579-888 (500) 551-473	190	500 ml	Lavender Co BP (500 ml) 771-576
		Trimethoprim 300 mg (100) 836-585			Lobelia Ethereal BPC (500 ml) 771-550
446	100	Verapamil Hydrochloride 40 mg (100) 554-956 (250) 590-364 (500) 798-397	366	100 ml	Lobelia Simple BPC (100 ml) 771-543
890	100	Verapamil Hydrochloride 80 mg (100) 554-949 (112) 859-637 (250) 590-877 (500) 798-348	148	100 ml	Myrrh BPC (25 ml) 961-912 (100 ml) 771-535 (250 ml) 771-527 (500 ml) 771-519
1362	100	Verapamil Hydrochloride 120 mg (100) 530-337 (500) 798-298	225	500 ml	Nux Vomica BP (500 ml) 771-501
		Vitamin A, C & D (100) 805-804	265	100 ml	Opium BP (100 ml) 771-485
157	500	Vitamin B Compound BPC (100) 805-796 (500) 805-770 (1000) 805-762	248	500 ml	Opium Camphorated BP (500 ml) 771-444 (2 l) 771-436
297	500	Vitamin B Compound Strong BPC (100) 805-754 (250) 805-747 (500) 805-739 (1000) 805-721	420	100 ml	Orange BP (100 ml) 771-410
		Vitamin E 100 mg (100) 833-343	139	100 ml	Quillaia BP (100 ml) 771-402 (250 ml) 771-394
		Warfarin BP 1 mg (100) 734-665 (500) 734-657			Quinine Ammoniated (25 ml) 771-378
		Warfarin BP 3 mg (100) 734-640 (500) 734-632	227	500 ml	Rhubarb Co BP (250 ml) 771-360 (500 ml) 771-352
		Warfarin BP 5 mg	280	500 ml	Squill BP (500 ml) 739-367
			253	500 ml	Stramonium BP (100 ml) 771-311

Cost	Qty	PIP Codes	Cost	Qty	PIP Codes
<i>pence</i>			<i>pence</i>		
520	500 ml	(500 ml) 771-303 Valerian Simple BPC (500 ml) 771-279			Aluminium Hydroxide Dried BP (500 g) 773-499 Aluminium Sulphate BPC (500 g) 773-481 Amaranth BPC (100 g) 773-465 Ammonia (500 ml) 773-440 Ammonium Bicarbonate BP (500 g) 773-424 (2 kg) 773-416 Ammonium Carbonate BP (500 g) 773-408 Ammonium Chloride BP (500 g) 773-374 (2 kg) 773-366 Ammonium Sulphate Technical (500 g) 773-341 Amyl Acetate (500 ml) 773-333 Aniseed (500 g) 776-096
		VINEGARS Olive Oil & Raspberry (100 ml) 739-417 Raspberry (100 ml) 739-409 (500 ml) 739-391 (2 l) 739-383 Squill BP (250 ml) 739-375 (2 l) 739-359 White (2 l) 739-342 (4.5 l) 739-334	157	500 g	Arrowroot BPC (50 g) 773-317 (100 g) 773-309 (500 g) 773-432 Barium meal (500 g) 548-693 Barium Sulphate BP (500 g) 773-259 Bay Rum (120 ml) 924-399 (500 ml) 773-994 (2 l) 773-986
		VITRELLAE Amyl Nitrite 0.2 ml BPC (12) 772-244 Amyl Nitrite 0.3 ml BPC (12) 772-236 Ammonia Aromatic (12) 772-228	159	500 g	Beeswax White BP (Discs) (100 g) 773-978 (500 g) 773-960 Beeswax White BP (Lumps) (500 g) 773-952 Beeswax Yellow BPC (Cakes) (500 g) 773-945 Beeswax Yellow BP (Tablets) (4) 773-937 (8) 735-811 Bentonite BP (500 g) 735-787 Benzene BPC (500 ml) 735-779 Benzocaine BP (25 g) 778-381 Benzyl Benzoate BP (500 ml) 778-373 (2 l) 778-365 Betamethasone 0.1% & Neomycin 0.5% drop (5 ml) 836-890
650	12	Amyl Nitrite 0.3 ml BPC (12) 772-244 Amyl Nitrite 0.3 ml BPC (12) 772-236 Ammonia Aromatic (12) 772-228	225	500 g	Bismuth Salicylate BP (250 g) 778-332 (500 g) 778-324 Bismuth Subcarbonate (250 g) 778-282 (500 g) 598-896 Bismuth Subnitrate BPC (100 g) 778-258 Bone Flour Edible (500 g) 778-241 (2 kg) 778-233 (5 kg) 778-225 Borax BP (100 g) 778-217 (200 g) 778-316 (500 g) 778-308 (2 kg) 778-290 Borax Technical (450 g) 778-209 (500 g) 924-621 (1 kg) 778-191 Burnt Sugar (Caramel) (250 g) 778-175 (500 g) 778-167 (3 kg) 778-159 Caffeine Citrate BPC (100 g) 778-134 Caffeine Hydrate BP (25 g) 778-126 (100 g) 778-118 Calamine BP (500 g) 778-100 (2 kg) 778-092 Calcium Carbonate BP (500 g) 778-084 (1 kg) 778-076
		WATERS Anise Conc BP (100 ml) 772-210 (250 ml) 772-202 (500 ml) 772-194 Camphor Conc (500 ml) 772-178 Chloroform Conc BPC (500 ml) 772-152 (2 l) 772-145 Cinnamon Co (100 ml) 772-137 Dill Conc BPC (100 ml) 772-129 Hamamelis BPC (100 ml) 854-505 (500 ml) 772-111 (2 l) 772-103 Orange Flower Conc BPC (25 ml) 772-095 (100 ml) 772-087 Orange Flower Triple BPC (100 ml) 584-701 (500 ml) 772-079 Peppermint Conc BP (100 ml) 772-061 (500 ml) 772-053 Purified BP (2 l) 772-046 (4.5 l) 772-038 (5 l) 845-321 (25 l) 772-020 Rose Conc. BPC (25 ml) 772-012 (100 ml) 920-637 (500 ml) 772-004 Rose Triple BPC (500 ml) 771-998 (2 l) 771-980	271	500 g	
443	100 ml	Anise Conc BP (100 ml) 772-210 (250 ml) 772-202 (500 ml) 772-194	829	500 g	
82	100 ml	Camphor Conc (500 ml) 772-178	509	500 g	
145	500 ml	Chloroform Conc BPC (500 ml) 772-152 (2 l) 772-145 Cinnamon Co (100 ml) 772-137 Dill Conc BPC (100 ml) 772-129 Hamamelis BPC (100 ml) 854-505 (500 ml) 772-111 (2 l) 772-103 Orange Flower Conc BPC (25 ml) 772-095 (100 ml) 772-087 Orange Flower Triple BPC (100 ml) 584-701 (500 ml) 772-079 Peppermint Conc BP (100 ml) 772-061 (500 ml) 772-053 Purified BP (2 l) 772-046 (4.5 l) 772-038 (5 l) 845-321 (25 l) 772-020 Rose Conc. BPC (25 ml) 772-012 (100 ml) 920-637 (500 ml) 772-004 Rose Triple BPC (500 ml) 771-998 (2 l) 771-980	841	500 g	
318	100 ml	Dill Conc BPC (100 ml) 772-129	165	500 g	
135	500 ml	Hamamelis BPC (100 ml) 854-505 (500 ml) 772-111 (2 l) 772-103 Orange Flower Conc BPC (25 ml) 772-095 (100 ml) 772-087 Orange Flower Triple BPC (100 ml) 584-701 (500 ml) 772-079 Peppermint Conc BP (100 ml) 772-061 (500 ml) 772-053 Purified BP (2 l) 772-046 (4.5 l) 772-038 (5 l) 845-321 (25 l) 772-020 Rose Conc. BPC (25 ml) 772-012 (100 ml) 920-637 (500 ml) 772-004 Rose Triple BPC (500 ml) 771-998 (2 l) 771-980	168	25 g	
509	100 ml	Peppermint Conc BP (100 ml) 772-061 (500 ml) 772-053 Purified BP (2 l) 772-046 (4.5 l) 772-038 (5 l) 845-321 (25 l) 772-020 Rose Conc. BPC (25 ml) 772-012 (100 ml) 920-637 (500 ml) 772-004 Rose Triple BPC (500 ml) 771-998 (2 l) 771-980	275	500 ml	
145	5 l	Purified BP (2 l) 772-046 (4.5 l) 772-038 (5 l) 845-321 (25 l) 772-020 Rose Conc. BPC (25 ml) 772-012 (100 ml) 920-637 (500 ml) 772-004 Rose Triple BPC (500 ml) 771-998 (2 l) 771-980	1265	250 g	
		MISCELLANEOUS STANDARD DRUGS AND PREPARATIONS	769	250 g	
1146	500 g	Acacia BP (250 g) 773-663 (500 g) 773-655	514	100 g	
261	500 ml	Acetone BPC (50 ml) 773-648 (500 ml) 773-630 (2 l) 773-622 Acetone Technical (500 ml) 773-614 (2 l) 773-606 (25 l) 773-598 Adrenaline Acid Tartrate BP (5 g) 773-572 Aloes BP (Cape) Powder (500 g) 773-549 Alum Commercial Granulated (2 kg) 773-523 Alum BP Powdered (100 g) 955-112 (500 g) 773-515 (2 kg) 773-507	101	500 g	

Cost	Qty	PIP Codes	Cost	Qty	PIP Codes
<i>pence</i>			<i>pence</i>		
335	500 g	Calcium Gluconate BP (500 g) 778-043	187	500g	(100 g) 777-276 Copper Sulphate BPC (500 g) 777-235 (2 kg) 777-227
414	500 g	Calcium Hydroxide BP (400 g) 512-467 (500 g) 778-035			Copper Sulphate Commercial (500 g) 777-219 (2 kg) 777-201 (5 kg) 777-193
360	500 g	Calcium Lactate (500 g) 778-027 (2 kg) 548-891 (12.5 kg) 548-883	514	100 ml	Creosote BPC (100 ml) 777-185
205	2 kg	Calcium Phosphate BP (500 g) 778-019 Calcium Sulphate Dried BPC (500 g) 778-001 (2 kg) 777-987 Calcium Sulphate Dried Technical (500 g) 927-442 (1 kg) 777-946 (2 kg) 777-938 (5 kg) 777-920	325	25 g	Crystal Violet BP (25 g) 777-177 Curry Powder (500 g) 777-169 Dextrose Anhydrous BP (500 g) 548-867 (5 kg) 777-151 (10 kg) 777-144 Dextrose Monohydrate BP (450 g) 777-136 (500 g) 777-128 (2 kg) 777-110 (3 kg) 777-102 (5 kg) 777-094
241	100 g	Camphor BP (100 g) 777-912 (500 g) 777-904 Camphor Squares (32) 777-888 Camphor Ice (25 g) 777-870 Camphor BP Tablets (125 g) 777-862 (250 g) 777-854 (500 g) 777-847	918	2 g	Diamorphine Hydrochloride BP (1 g) 777-086 (2 g) 777-078 (5 g) 777-060 (25 g) 854-471 Dicalcium Phosphate (5 kg) 776-112 Diethyl Phthalate BPC (500 ml) 777-045 (2 l) 777-037 Dimethyl Phthalate BP (500 ml) 777-029
437	500 ml	Carbon Tetrachloride BPC (500 ml) 777-771 Carbon Tetrachloride Commercial (500 ml) 777-755 (2 l) 777-748 Catechu pale (500 g) 776-104	2710	25 g	Dithranol BP (5 g) 777-011 (25 g) 777-003
364	500 g	Cetomacrogol Emulsifying Wax (500 g) 777-714	357	500 g	Emulsifying Wax BP (500 g) 776-997 (2 kg) 776-989
440	500 g	Cetostearyl Alcohol BP (500 g) 777-706 (2 kg) 777-698 Cetrimide BP (100 g) 777-680 (500 g) 777-672	302	25 g	Ephedrine Hydrochloride BP (25 g) 776-971 (100 g) 776-963 Ether Anaesthetic BP (500 ml) 776-955
128	500 g	Chalk BP (500 g) 777-664 (1 kg) 777-656 (2 kg) 777-649 (5 kg) 595-082 Chamomile Flowers (15 g) 777-631	335	500 ml	Ether Solvent BP (500 ml) 776-948 (2.5 l) 877-480
203	100 g	Charcoal BPC (100 g) 777-623 (500 g) 877-589	772	100 ml	Eugenol BP (100 ml) 776-914 Eupad (500 g) 776-906
110	100 g	Chloral Hydrate BP (100 g) 777-615 (250 g) 777-607 (500 g) 777-599	437	500 g	Ferric Ammonium Citrate BP (500 g) 776-898
477	100 g	Chloramine BP (100 g) 777-581	185	500 g	Ferrous Sulphate BP (500 g) 776-872 Ferrous Sulphate Commercial (2 kg) 776-864 (5 kg) 548-859
135	25 g	Chlorbutol BP (25 g) 777-565 (100 g) 777-557 Chlorhexidine Acetate BP (10 g) 777-540	490	25 g	Ferrous Sulphate Dried BP (500 g) 776-856 Fluorescein Sodium BP (25 g) 776-849 Fructose (500 g) 969-212
193	500 g	Chlorinated Lime BPC (500 g) 777-532 Chlorinated Lime Technical (500 g) 777-524	131	500 g	Fuller's Earth Powder BPC (100 g) 776-831 (500 g) 776-823 (1 kg) 776-815 (2 kg) 776-807 Fuller's Earth Cream (30 g) 776-799 (60 g) 776-781
98	25 g	Chlorocresol BP (25 g) 777-516 (100 g) 777-508	531	500 g	Gelatin BP Powder (500 g) 776-765 Ginger BP (500 g) 776-732
295	500 ml	Chloroform BP (500 ml) 777-482 (2 l) 777-474 Coal Tar BP (100 g) 777-383 (500 g) 777-375 Cobalt Sulphate (500 g) 548-875	484	500 g	Ginger BP Powder (500 g) 776-716
2372	5 g	Cocaine BP (5 g) 777-359	119	450 g	Glucose Liquid BPC (140 g) 585-067 (450 g) 776-708 (500 g) 776-690 (5 kg) 776-682 Glycine (500 g) 831-891 Guaiphenesin (500 g) 595-157 Henna Powder
675	1 g	Cocaine Hydrochloride BP (1 g) 777-342 (2 g) 777-334 (5 g) 777-326 (25 g) 777-300			
1038	5 g	Codeine Phosphate BP (5 g) 777-292 (25 g) 777-284			

Cost	Qty	PIP Codes	Cost	Qty	PIP Codes
<i>pence</i>			<i>pence</i>		
		(25 g) 776-674			(500 g) 775-361
		(500 g) 776-666			(2 kg) 775-353
		Heparin Reagent Grade 100,000 units			(5 kg) 775-346
		Sodium 776-641			(50 kg) 775-338
		Hexamine BPC			Magnesium Sulphate Commercial
		(250 g) 776-625			(1.5 kg) 775-320
351	500 g	Honey Purified BPC			(2 kg) 775-312
		(500 g) 776-591			(3 kg) 775-304
360	1 g	Hydrocortisone BP			(4 kg) 774-984
		(1 g) 776-575			(5 kg) 774-976
		(5 g) 776-567			(50 kg) 774-968
		(10 g) 776-559	179	500 g	Magnesium Sulphate Dried BP
404	1 g	Hydrocortisone Acetate BP			(500 g) 774-950
		(1 g) 776-542			(1 kg) 774-943
		(5 g) 776-534	282	500 g	Magnesium Trisilicate BP
		(25 g) 970-434			(500 g) 774-935
		(100 g) 831-735			(1 kg) 774-927
275	100 g	Ichthammol BP			(2 kg) 774-919
		(100 g) 776-526			Manganese Sulphate
		(500 g) 776-518			(500 g) 877-316
		Indian Brandee	651	100 g	Menthol BP
		(50 ml) 776-500			(5 g) 774-893
		(100 ml) 776-492			(25 g) 774-885
		(500 ml) 776-484			(100 g) 774-877
390	100 g	Iodine BP			(400 g) 774-869
		(25 g) 776-468	367	25 g	Mercuric Chloride BPC
		(100 g) 776-450			(25 g) 774-851
		(500 g) 548-842			Mercuric Iodide
		Iodoform			(25 g) 572-065
		(100 g) 776-443			Mercuric Iodide Strong
		(500 g) 548-834			(500 g) 877-993
		Isinglass	442	25 g	Mercurochrome BPC
		(15 g) 776-435			(5 g) 774-836
		(100 g) 776-427			(25 g) 774-828
256	25 g	Isoniazid BP			Mercury BPC
		(25 g) 776-419			(250 g) 774-794
205	1 kg	Kaolin Light BP	335	25 g	Mercury Ammoniated BP
		(500 g) 776-393			(25 g) 774-786
		(1 kg) 776-385	2180	5 g	Methadone Hydrochloride BP
		(2 kg) 776-377			(1 g) 774-760
		(5 kg) 776-401			(2 g) 831-743
		Kaolin Light Sterilised BP			(5 g) 774-752
		(500 g) 776-369			Methanol Technical
		(2 kg) 776-351			(500 ml) 774-810
116	200 g	Kaolin Poultice BP			(2 l) 774-802
		(200 g) 775-676			Methionine
199	500 g	(500 g) 775-668			(250 g) 548-818
154	500 g	Lactose BP			(500 g) 548-800
		(500 g) 775-643			(1 kg) 548-792
219	500 g	Lanolin Anhydrous BP	175	100 g	Methylcellulose 20 BPC
		(500 g) 775-635			(100 g) 774-737
		(5 kg) 775-627			(500 g) 774-729
356	500 g	Lanolin Hydrous BP			Methyl Ethyl Ketone
		(25 g) 775-593			(2 l) 774-703
		(55 g) 775-585			Methyl Hydroxybenzoate BP
		(500 g) 775-619			(25 g) 774-695
		(2.5 kg) 775-569			(100 g) 770-040
		(4 kg) 595-025	435	500 ml	Methyl Salicylate BP
		Lanette Wax SX			(50 ml) 774-687
		(500 g) 775-577			(500 ml) 774-679
		Lavender Flowers			(2 l) 774-661
		(500 g) 775-551	844	2 g	Morphine Hydrochloride BP
		Lead Acetate Technical			(1 g) 774-653
		(500 g) 775-544			(2 g) 774-646
		Linseed BPC			(5 g) 774-638
		(500 g) 775-536			(25 g) 854-489
		Liquorice Juice Sticks	844	2 g	Morphine Sulphate BP
		(100 g) 775-510			(1 g) 774-604
		(500 g) 775-502			(2 g) 774-588
231	500 g	Magnesium Carbonate Heavy BP			(5 g) 774-570
		(100 g) 775-486			(25 g) 854-497
		(500 g) 775-478			Naphthalene Commercial Balls
		(2 kg) 775-460			(500 g) 774-539
233	500 g	Magnesium Carbonate Light BP			(2 kg) 774-513
		(25 g) 775-445	205	5 g	Neomycin Sulphate BP
		(500 g) 775-437			(1 g) 774-497
		(1 kg) 775-429			(5 g) 774-489
		(2 kg) 775-411			(25 g) 774-471
		Magnesium Chloride (technical)			(100 g) 970-368
		(25 kg) 878-041			Orris BPC
		Magnesium Oxide Commercial			(100 g) 774-448
		(2 kg) 548-685	360	500 ml	Oxymel BPC
		(5 kg) 548-677			(500 ml) 774-430
		(25 kg) 878-033			(2 l) 774-422
620	500 g	Magnesium Oxide Heavy BP			Paracetamol BP
		(500 g) 775-403			(100 g) 774-414
		Magnesium Oxide Light BP			(500 g) 774-406
		(500 g) 775-395			Paradichlorobenzene
173	2 kg	Magnesium Sulphate BP			(3 kg) 774-364
		(100 g) 775-387	765	500 ml	Paraldehyde BP
		(200 g) 775-379			(500 ml) 774-349

Cost	Qty	PIP Codes	Cost	Qty	PIP Codes
<i>pence</i>			<i>pence</i>		
		Pepper Black BPC (250 g) 774-323	280	100 g	Resorcinol BP (25 g) 711-945 (100 g) 711-937
175	100 g	Phenazone BP (100 g) 774-190	201	100 g	Rhubarb BP Powder (100 g) 711-929 (500 g) 711-911
220	25 g	Phenobarbitone BP (25 g) 774-299			
165	25 g	Phenobarbitone Sodium BP (25 g) 774-281	128	25 g	Saccharin Sodium BP (25 g) 711-903 (100 g) 711-895
200	100 g	Phenol BP Crystals (25 g) 774-174 (100 g) 774-166			Saffron (1 g) 548-669
750	500 ml	Phenol Liquefied BP (500 ml) 774-158 (2 l) 774-141			Senna Fruit BP (Alexandrian) (500 g) 711-861
336	25 g	Phenolphthalein BP (25 g) 774-133			Senna Fruit (Tinnevely) (25 g) 711-853 (500 g) 711-846
		Pholcodine BP (25 g) 774-117			Shellac BPC Orange (100 g) 548-776 (500 g) 711-838
		Piperazine Citrate BP (500 g) 595-041			Silica Gel Technical (500 g) 711-820
349	25 g	Podophyllin Resin BP (25 g) 774-067	2320	25 g	Silver Nitrate BP (10 g) 711-812 (25 g) 711-804
		Potassium Acid Tartrate BPC (50 g) 774-026 (100 g) 774-018 (500 g) 774-034	1177	25 g	Silver Protein Mild BPC (25 g) 711-796
190	500 g	Potassium Bicarbonate BPC (500 g) 774-000	205	500 g	Soap Soft Green (500 g) 711-788 (5 kg) 711-762
297	500 g	Potassium Bromide BP (250 g) 711-648 (500 g) 712-125 (2 kg) 712-117	292	500 g	Sodium Acid Phosphate BP (500 g) 711-747
327	500 g	Potassium Chlorate BPC (250 g) 712-109 (500 g) 712-091	220	500 g	Sodium Benzoate BP (100 g) 548-768 (500 g) 711-739
177	500 g	Potassium Chloride BP (500 g) 712-083			Sodium Bicarbonate BP Granulated (2 kg) 711-705 (5 kg) 711-097
714	2 kg	Potassium Citrate BP (500 g) 712-075 (2 kg) 773-929 (5 kg) 773-911	214	2 kg	Sodium Bicarbonate BP Powder (100 g) 711-689 (200 g) 711-671 (500 g) 711-663 (1 kg) 711-655 (2 kg) 741-470 (3 kg) 924-555 (5 kg) 563-379 (50 kg) 741-462
		Potassium Dichromate BPC (100 g) 773-903			Sodium Bicarbonate 8.4% (10 ml) 573-105
		Potassium Ferricyanide Commercial (100 g) 773-895			Sodium Bromide BP (500 g) 741-454
		Potassium Hydroxide BO pellets (500 g) 773-887			Sodium Carbonate Anhydrous BPC (500 g) 741-439 (2 kg) 548-750
302	100 g	Potassium Iodide BP (100 g) 773-879 (500 g) 773-861			Sodium Carbonate Commercial (2 kg) 741-447
137	500 g	Potassium Nitrate BP (100 g) 773-853 (200 g) 773-846 (500 g) 773-838			Sodium Chlorate Commercial (500 g) 741-413 (4 kg) 543-231 (5 kg) 741-363 (10 kg) 741-355 (25 kg) 741-348
		Potassium Nitrate Technical (500 g) 773-812 (1 kg) 773-804 (2 kg) 773-796			Sodium Chloride BP (500 g) 741-330 (1 kg) 741-322 (2 kg) 741-314 (5 kg) 741-306
261	500 g	Potassium Permanganate BP (25 g) 773-788 (50 g) 773-770 (500 g) 773-754 (2 kg) 773-747 (3 kg) 773-739	125	500 g	Sodium Citrate BP (500 g) 741-298 (5 kg) 741-280
		Potassium Quadroxolate (500 g) 773-697			Sodium Fluoride Commercial (500 g) 741-272
		Potassium Sulphate BPC (500 g) 773-705	478	500 g	Sodium Hydroxide BP Pellets (500 g) 741-264
302	25 g	Procaine Hydrochloride BP (25 g) 773-689			Sodium Hydroxide Technical (500 g) 741-025 (3 kg) 741-017 (5 kg) 741-009 (12.5 kg) 740-993
332	5 g	Proflavine Hemisulphate BPC (5 g) 773-671	516	100 g	Sodium Iodide BP (100 g) 740-985 (500 g) 740-977
164	500 ml	Propylene Glycol BP (500 ml) 712-059 (2 l) 712-042 (25 kg) 548-784			Sodium Lauryl Sulphate BP (500 g) 740-969
		Propylhydroxybenzoate BP (25 g) 711-630			Sodium Metabisulphite BP (100 g) 740-951 (500 g) 740-944
		Pumice Powder (500 g) 712-034 (2 kg) 712-026			Sodium Metabisulphate Technical (5 kg) 548-743 (50 g) 548-735
430	25 g	Pyrogallol BPC (25 g) 712-018	95	100 g	Sodium Nitrate Pure Crystals (500 g) 740-928
		Quinine Sulphate BP (25 g) 712-000			
		Raspberry Conc Juice BP 1-12 (500 ml) 711-986			
		Resin BP (1 kg) 585-042			
		Resin Powder (500 g) 711-952			

Cost	Qty	PIP Codes	Cost	Qty	PIP Codes
<i>pence</i>			<i>pence</i>		
230	500 g	Sodium Nitrite BPC (500 g) 740-910	264	500 ml	Tragacanth Mucilage BPC (500 ml) 740-605 (500 g) 740-597
400	500 g	Sodium Perborate BPC (500 g) 740-902	1206	100 g	Tragacanth Powder BP (25 g) 740-589 (100 g) 740-571 (500 g) 740-563
259	500 g	Sodium Phosphate BP (500 g) 740-894			Treacle Black (500 g) 740-506 (16 lb) 740-480
201	500 g	Sodium Potassium Tartrate BPC (500 g) 740-886			Trichloroethylene Technical (500 ml) 740-548 (2 l) 740-530
		Sodium Salicylate BP Powder (250 g) 740-878 (500 g) 740-860			Triethanolamine Lauryl Sulphate (2 l) 740-514
371	500 g	Sodium Salicylate BP Crystals (500 g) 740-852			Turmeric (25 g) 933-788
		Sodium Sequicarbonate (1 kg) 741-256 (2 kg) 741-249 (50 kg) 741-231			Urea BP (500 g) 740-365
		Sodium Sulphate BP (100 g) 741-223 (200 g) 741-215 (500 g) 741-207 (2 kg) 741-181 (5 kg) 741-173			Waterglass (250 ml) 523-522 (500 ml) 740-357
152	500 g	Sodium Sulphate Dried BPC (500 g) 741-165			Wax Emulsifying BP (500 g) 740-340
		Sodium Thiosulphate BPC (500 g) 741-157			Witch Hazel Distilled BPC (50 ml) 740-332 (100 ml) 740-324 (200 ml) 740-316 (500 ml) 740-308 (2 l) 740-290
		Sodium Thiosulphate Technical (500 g) 741-140 (1 kg) 741-132			Wool Alcohols BP (500 g) 740-282
		Spermaceti BPC (500 g) 741-124			Xylene BPC (500 ml) 740-274 (2 l) 740-266
625	2 l	Squill Oxymel BPC (500 ml) 741-116 (2 l) 741-108			Xylene Technical (500 ml) 740-258 (2 l) 572-701
112	500 g	Starch BP (500 g) 741-090 (2 kg) 741-082			Yeast Dried Fermentative (0.5 oz) 579-979
		Sterculia BP (100 g) 741-074 (500 g) 741-066			Zinc Carbonate (500 g) 548-727
		Strychnine Hydrochloride BPC (5 g) 741-058 (10 g) 770-859 (25 g) 741-041	184	500 g	Zinc Gelatin BPC (500 g) 740-241
		Succinylsulphathiazole BP (100 g) 741-033			Zinc Oxide BP (500 g) 740-233 (1 kg) 740-225 (2 kg) 740-217
463	100 g	Sulphacetamide Sodium BP (100 g) 740-845	289	500 g	Zinc Sulphate BP (100 g) 740-209 (500 g) 740-191
385	100 g	Sulphadimidine BP (100 g) 740-837			
		Sulphaguanidine (100 g) 548-651			
		Sulphanilamide (100 g) 548-644			
143	500 g	Sulphur Precipitated BP (250 g) 740-829 (500 g) 740-811			
		Sulphur Roll (500 g) 740-803			
102	500 g	Sulphur Sublimed BPC (100 g) 740-787 (500 g) 740-779 (2 kg) 740-761			
		Sulphathiazole 100 g (100 g) 836-577			
118	500 g	Talc Purified BP (500 g) 740-753 (2 kg) 740-746			
123	500 g	Talc Purified BP (Sterilised) (500 g) 740-738 (2 kg) 740-720 (5 kg) 740-712 (12.5 kg) 740-704			
		Talc Technical (500 g) 595-785 (1 kg) 740-696 (2 kg) 595-777 (5 kg) 740-688			
		Tar BP (Stockholm Tar) (450 g) 740-670			
		Thiopentone Sodium (0.5 g) 784-207 (2.5 g) 784-215			
230	100 g	Thymol BP (100 g) 740-647			
		Titanium Dioxide BP (500 g) 740-639			
		Toluene (500 ml) 740-621 (2 l) 740-613			

Wholesalers accepting PIP code

The following wholesalers were, at the time of going to press, either able to accept orders by PIP code or in the process of introducing the facility.

Ayrshire Pharmaceuticals Ltd
Townholm
Kilmarnock
Ayrshire KA3 1BA
Tel: 0563 22248

Barclays
Ropery Street
Grimsby
South Humberside DN32 9EL
Tel: 0472 58111

Barclays Northern Ireland plc
Ethichem House
Shore Road
Newtownabbey BT37 9ST
Tel: 0231 65155

Billington (Langley) F. A. Ltd
Langley House
Park Lane Industrial Estate
Oldbury
Worley
West Midlands

Units 3/4
Market Street
Ebbw Vale
Gwent NP3 6HJ
Tel: 0495 307709

18 Green Street
Neath
West Glamorgan SA11 1DG
Tel: 0639 57117

Bleasdale Ltd
2 Birch Park
Huntington Road
York YO3 9BJ
Tel: 0904 641151

Bradford Chemist Alliance Ltd
Alliance House
York Street
Fairweather Green
Bradford
West Yorks BD8 0HN
Tel: 0274 495821

Chandis Co Ltd
5 Great Union Road
St Helier
Jersey
Channel Islands
Tel: 0534 36401

Richard Daniel & Son Ltd
Mansfield Road
Derby DE1 3RE
Tel: 0332 40671

Pottinger Street
Ashton-under-Lyne OL7 0JZ
Tel: 061-330 5161

North Wingfield Road
Grassmoor
Nr Chesterfield S42 5EG
Tel: 0246 850481

William Davidson Ltd
PO Box 21
Craigshaw Drive
West Tullos Industrial Estate
Aberdeen AB9 8BE
Tel: 0224 873522

East Anglian Wholesale Supplies Ltd
5 Quayside
Norwich NR3 1RX
Tel: 0603 620576

Galway Drug Co
50 Domanick Street
Galway
Eire

Hall Forster & Co Ltd
PO Box 1DB
Pooley Close
Newcastle-upon-Tyne
NE99 1DB
Tel: 091 2862911

George Foster Burnley Ltd
Farrington Place
Rossendale Road
Burnley BB11 5TZ
Tel: 0282 26363

John Hamilton (Pharmaceuticals) Ltd
South Elgin Street
Clydebank G81 1PL
Tel: 041-952 3261

Herbert Ferryman Ltd
Galen House
1-9 Oakley Road
Shirely
Southampton SO9 7AT
Tel: 0703 788011

Northfield Road
Reading
Berkshire RG1 8AL
Tel: 0734 55084

Hills Pharmaceuticals Ltd
Talbot Street
Breircliffe
Burnley
Lancs BB10 2JY
Tel: 0282 25932

Milner Street
Warrington
Cheshire WA1 2PR
Tel: 0925 51441

Park Street
Blackheath
Rowley Regis
Warley
West Midlands B65 0LT
Tel: 021-559 8281

S. Haydock & Co Ltd
31 Ballynahinch Road
Carrduff
Belfast BT8 8EJ
Tel: 0232 812054

Macarthy's Ltd
Chesham House
Chesham Close
Romford
Essex RM1 4JX
Tel: 0708 46033

Unit 17
Oxleasow Road
East Moons Moat
Redditch B98 0RE
Tel: 0527 21111

3 Oak Lane
Bristol BD5 7XL
Tel: 0272 659531

Unit A
Ditton Trading Estate
Ditton Walk
Cambridge CB5 8RD
Tel: 02205 5361

Imberhorne Way
East Grinstead
West Sussex RH19 1RN
Tel: 0342 24261

7-11 Glentamar Road
Balmore Industrial Estate
Glasgow G22 7UG
Tel: 041-336 5363

Linstead House
30-40 Brewery Road
London N7 9NH
Tel: 01-609 2244

2A Baring Road
Lee
London SE12 0PR
Tel: 01-857 5555

Mason Road
Mile Cross Lane
Norwich NR6 6RF
Tel: 0603 49251

Farringdon Avenue
Harold Hill
Romford RM3 8EF
Tel: 04023 49311

54 High Street
Weedon
Northants NN7 4QF
Tel: 0327 41101

98-100 Queensbury Road
Wembley
Middx HA0 1WF
Tel: 01-997 7751

Mawdsely-Brooks & Co Ltd
Chemiserve House
East Ordsall Lane
Salford M5 4RA
Tel: 061-833 9741

Chemiserve House
Varney Avenue
Spon Lane Trading Estate
West Bromwich
West Midlands B70 6AE
Tel: 021-525 1213

**Mawson & Proctor
Pharmaceuticals Ltd**
Kingsway South
Team Valley
Gateshead
Tyne & Wear NE8 1YX
Tel: 091 4872111

Northern Pharmaceuticals Ltd
Galen House
Grattan Road
Bradford
West Yorks BD1 2PQ
Tel: 0274 733121

PIF Pharmaceuticals Ltd
Prospect Place
Lenton
Nottingham NG7 1RX
Tel: 0602 474531, 470844/8,
413452

I. & N. Rabin
16-24 Orsman Road
London N1 5QJ
Tel: 01-739 3411

**Ridley (Wholesale Chemists)
Ltd**
PO Box 25
Nicholson House
Burgh Road
Carlisle CA2 7ND
Tel: 0228 24121

L Rowland & Co Ltd
Dolydd Road
Wrexham
Clwyd LL13 7TF
Tel: 0978 351581

Sangers (Maidstone) Ltd
Parkwood
Sutton Road
Maidstone ME15 9NN
Tel: 0622 55331

Sangers (Northern Ireland) Ltd
2 Prince Regent Road
Belfast BT5 6QX
Tel: 0232 792111

1a Circular Road
Mullaghmore
Omagh
co Tyrone BT79 7HL

**Sants Pharmaceutical
Distributors Ltd**
551 Etruria Road
BASFORD
Stoke-on-Trent ST4 6HH
Tel: 0782 613032

Smith & Hill (Chemists) Ltd
PO Box 110
Creswell Road
Sheffield S9 4JZ
Tel: 0742 440321

**Stewart, Michael Wholesale
Chemists**
PO Box 3
Crescent Street
Cottingham
North Humberside HU16 4BE
Tel: 0482 848164

**Sykes, Henry & Son (Chemists)
Ltd**
(Props: Hills Pharmaceuticals
Ltd)
Waterloo Bridge Works
Wakefield Road
Waterloo
Huddersfield HD5 0BW
Tel: 0484 36611

Tatford, Graham & Co Ltd
Jackson Close
Grove Road
Cosham
Portsmouth PO6 1PU
Tel: 0705 374911

James Taylor (Trongate) Ltd
2/4 West Henderson's Wynd
Dundee DD1 5SL
Tel: 0382 21611

United Drug Ltd
Dublin Industrial Estate
Glasnevin
Dublin 11
Tel: Dublin 309477

James Street
Ballina
co Mayo
Tel: Ballina 21255

Henry Street
Limerick
Tel: Limerick 315411

Vestric Ltd
West Lane
Runcorn
Cheshire
WA7 2PE
Tel: 0928 717070

Whitemyres Avenue
Mastrick
Aberdeen AB2 6HQ
Tel: 0224 692553

Prince Regent Road
Belfast BT5 6RP
Tel: 0232 798333

PO Box 81
St Philips Road
Kingsland Trading Estate
Bristol BS99 7HS
Tel: 0272 559893

4b Milton Street
Abbeyhill
Edinburgh EH8 8HG
Tel: 031-556 8281

Lockfield Avenue
Enfield
Middx EN3 7QR
Tel: 01-804 2499

PO Box 3
Cray Road
Foots Cray
Kent DA14 5DG
Tel: 01-300 0191

120 Lobley Hill Road
Gateshead
Tyne & Wear NE8 4YR
Tel: 0632 605181

Unit 2
27 Kilbirnie Place
Tradeston Industrial Estate
Glasgow G5 8QR
Tel: 041-429 4661-5

PO Box 1
88 Bury New Road
Heywood
Lancs OL10 4RQ
Tel: 0706 69931

Stallings Lane
Brierley Hill
Kingswinford
West Midlands DY6 7LB
Tel: 0384 296000

PO Box 12
Bruntcliffe Lane
Morley
Leeds LS27 9LL
Tel: 0532 537131

Crocus Street
Meadows Industrial Estate
Nottingham NG2 2GB
Tel: 0602 865944

Farthing Road
Ipswich
Suffolk IP1 5AT
Tel: 0473 462725

Manor Avenue
Paignton
Devon TQ3 2HU
Tel: 0803 558531

8 Bridgewater Close
Reading
Berks RG3 1LT
Tel: 0734 582661

Stonefield Way
Ruislip
Middx HA4 0JP
Tel: 01-845 2323

6 Brett Drive
Bexhill-on-Sea
Sussex TN40 2LP
Tel: 0424 220118

135 Gors Road
Cwmbrwrla
Swansea SA5 8LX
Tel: 0792 53271

43 Spindus Road
Speke Hall Industrial Estate
Liverpool L24 1YB
Tel: 051-486 8661

T. A. Ward & Co Ltd
39 King Street
Blackburn BB2 2DW
Tel: 0254 698111

Suppliers

The following list of suppliers of generics has been compiled by C&D and the National Pharmaceutical Association's information department. It does not generally include wholesalers, whose addresses can be found on p31 or in *C&D Directory*. However, the six suppliers whose prices are used as the basis for calculation of Drug Tariff (England and Wales) prices are listed and identified by †.

†Approved Prescription Services

(code 1359)
Whitcliffe House
Whitcliffe Road
Cleckheaton
West Yorkshire BD19 3BZ
Tel: 0274 876776

Berk Pharmaceuticals Ltd

(code 1169)
St. Leonards House
St. Leonards Road
Eastbourne
Sussex BN21
Tel: 0323 641144

David Bull Labs

(code 7893)
Harris Road
Warwick CV34 5GH
Tel: 0926 402003

C.P. Pharmaceuticals

(code 0180)
Red Willow Road
Wrexham Industrial Estate
Wrexham
Clwyd LL13 9PX
Tel: 0978 61261

L. D. Collins & Co Ltd

(code 5279)
Sunray House
9 Plantagenet Road
New Barnet
Herts EN5 5JG
Tel: 01-440 1470

Colourama Pharmaceuticals

(code 0130)
44-58 Lancaster Street
London SE1 0RP
Tel: 01-928 5077

†A. H. Cox & Co Ltd

(code 2631)
Whiddon Valley
Barnstaple
Devon EX32 8NS
Tel: 0271 75001

Doncaster Pharmaceuticals Ltd

(code 7148)
7 Kirk Sandall Ind. Estate
Kirk Sandall
Doncaster DN3 1QR
Tel: 0302 886031

Ethical Generics Ltd

(code 8736)
Cambridgeshire Business Park
Ely
Cambs CB7 4EE
Tel: 0353 67731

Europharm

(code 8154)
Ladysave House
Decoy Road
Worthing BN14 8ND
Tel: 0903 213303

1st Floor
Carne House
Parsons Lane
Bury
Lancs
Tel: 061 797 1220

†Evans Medical Ltd

(code 3651)
The Old Post House
Beaconsfield
Bucks HT9 2JH
Tel: 04946 6111

Fisons Pharmaceuticals

(code 2635)
12 Derby Road,
Loughborough
Leics LE11 0BB
Tel: 0509 263113

Garland Pharmaceuticals

(code 7182)
43 Eastgate Street
Stafford ST16 2LY
Tel: 0785 211744

Gee's Generics

(code 9056)
62 Chiswick High Road
London W4 1ST
Tel: 01-994 2303

Generics (UK) Ltd

(code 0110)
Station Close
Potters Bar
Herts EN6 1TL
Tel: 0707 44556

Hillcross Pharmaceuticals Ltd

(code 0215)
Primrose Mill
Harrison Street
Briercliffe
Burnley BB10 2HP
Tel: 0282 25932

Hills Pharmaceuticals Ltd

(code 4816)
Talbot Street
Briercliffe
Burnley
Lancs BB10 2JY
Tel: 0282 25932

Kent Pharmaceuticals Ltd

(code 0315)
Letrasnet Site
Wotton Road
Ashford TN23 2LL
Tel: 0233 38614

†Thomas Kerfoot & Co Ltd

(code 5528)
Vale of Bardsley
Ashton-under-Lyne
Lancs OL7 9RR
Tel: 061 330 4531
Kirby-Warrick

Pharmaceuticals Ltd

(code 5609)
Mildenhall
Bury St. Edmunds
Suffolk
Tel: 0638 716321

Lagap Pharmaceuticals

(code 8120)
Woolmer Way
Bardon
Hants GU35 9QE
Tel: 04203 8301

Letap Pharmaceuticals

(code 7229)
Celtic House
17 Grove Vale
Dulwich
London SE22 8EQ
Tel: 01-693 3433

B. R. Lewis Chemists Ltd

(code 7196)
Wheatley Terrace Road
Erith
Kent
Tel: 0322 349212

J. M. Loveridge plc

(code 6159)
Higher Merley Lane
Corfe Mullen
Wimborne
Dorset BH21 3EQ
Tel: 0202 882306

†Macarthy's Medical Ltd

(code 2502)
Chesham House
Chesham Close
Romford
Essex RM1 4JX
Tel: 0708 46033

Martons Pharmaceuticals

(code 0290)
60 Adams Street
Birmingham B7
Tel: 021 359 8071

Millpledge Pharmaceutical Market Service

(code 7232)
Whinleys Estate
Church Lane
Clarbrough
Retford
Nottinghamshire DN22 9NA
Tel: 0777 705142

Molehaven Ltd

(code 7277)
32-36 Minerva Road
Park Royal
London NW10
Tel: 01-965 0553

National Generics

(code 8445)
170 Cape Hill
Smethwick
Warley
West Midlands B66 4SJ
Tel: 021 565 3101

H. N. Norton & Co Ltd

(code 7070)
Patman House
George Lane
South Woodford
London E18 2BR
Tel: 01-530 6421

Wm Ransom & Son plc

(code 7280)
104 Bancroft
Hitchin
Herts SG5 1LY
Tel: 0462 37615

Rima Pharmaceuticals Ltd

(code 0358)
214/216 St James's Road
Croydon
Surrey CR0 2BW
Tel: 01-683 1266

Rusco Pharmaceuticals

(code 3682)
10/12 Albone Way
Biggleswade
Beds SG18 8PS
Tel: 0767 313721

Sigma Pharmaceuticals

(code 0994)
P.O. Box 233
1 Colonial Way
Watford WD2 4PJ
Tel: 0923 50201

M. A. Steinhart Ltd.

(code 0330)
702 Tudor Estate
Abbey Road
London NW10 7UW
Tel: 01-965 0194

Sterwin Medicines

(code 9059)
Sterling Winthrop House
Onslow Street
Guildford
Surrey GU1 4YS
Tel: 0483 65599

Sussex Pharmaceuticals

(code 7131)
Charlwoods Road
East Grinstead
West Sussex RH19 2HL
Tel: 0342 311311

Thomson & Joseph Ltd

(code 5511)
Thomson & Joseph House
119 Plumstead Road
Norwich
Norfolk NR1 4JT
Tel: 0603 39511

Thornton & Ross Ltd

(code 9627)
Linthwaite Laboratories
Huddersfield
Tel: 0484 842217

†Unichem Ltd

(code 9837)
Cox Lane
Chessington
Surrey
Tel: 01-391 2323

Unimed Generics

(code 5816)
24 Steynton Avenue
Bexley
Kent
Tel: 01-309 7003

Waymade Ltd

(code 0350)
Unit 15
Adam Business Centre
Cranes Farm Road
Basildon
Essex SS14 3JF
Tel: 0268 531111

The Wallis Laboratory

(code 2317)
11 Camford Way
Sundon Park
Luton LU3 3AN
Tel: 0582 584884

J. Waterhouse & Co Ltd

(code 0115)
Unit C
Shepley Industrial Estate
South
Shepley Road
Audenshaw
Manchester M34 5DW
Tel: 061 3204710

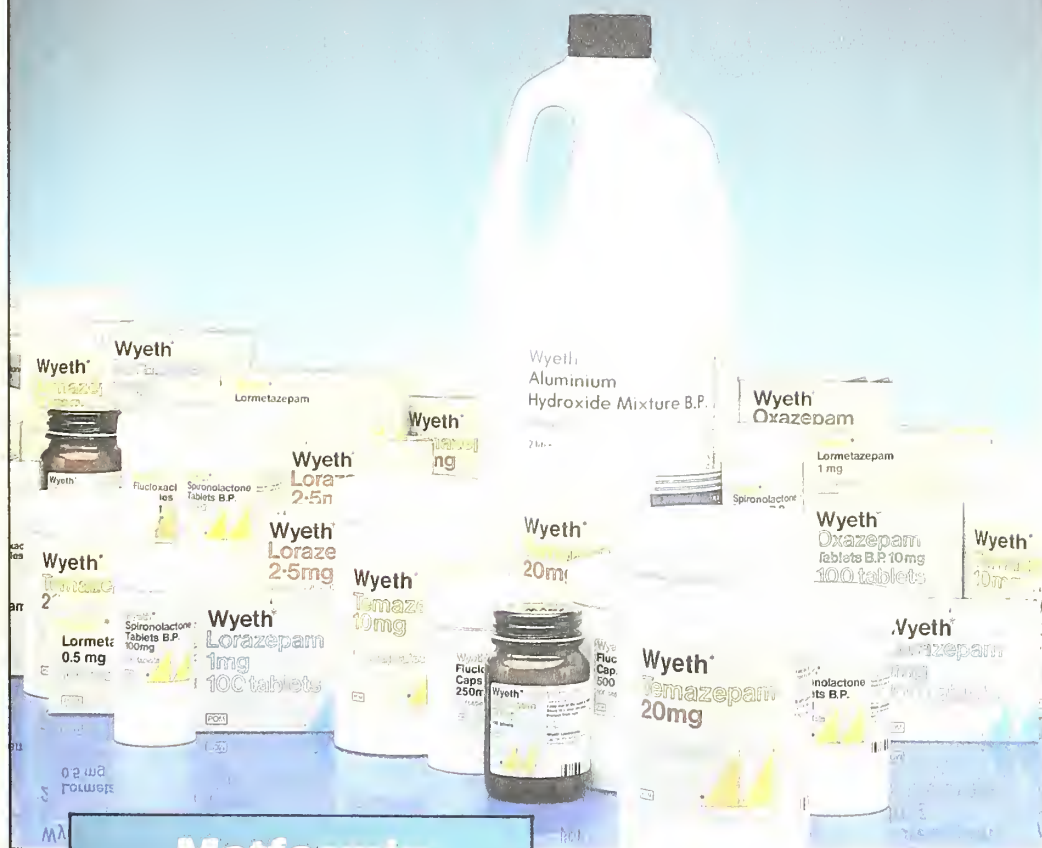
Wyeth Generics

Wyeth Laboratories
(code 0518)
Huntercombe Lane South
Taplow
Maidenhead
Berks
Tel: 06286 4377

Omissions from this list should
be notified to *Chemist &
Druggist* or NPA information
department.

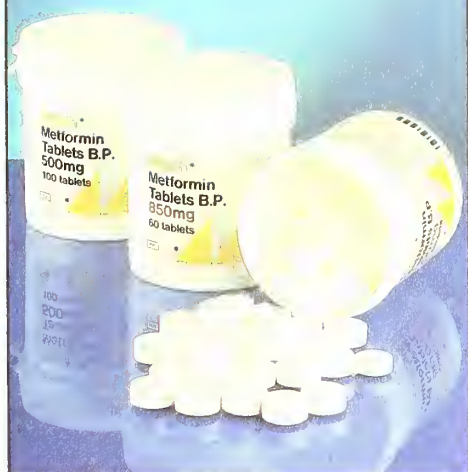
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